CHEMISTAND DRUGGIST

For Retailer, Wholesaler and Manufacturer

MAY 28 1955

getically supported by nation-wide advertising, this tiseptic cream, containing 'Cetavlon', is now well-hed as a first-rate treatment for wounds, burns and kin complaints. It has been immediately accepted public and its popularity is rapidly increasing as its t, soothing, and efficient action is demonstrated in vlon is proving a first-class seller — because it is a thly good product, vigorously advertised.

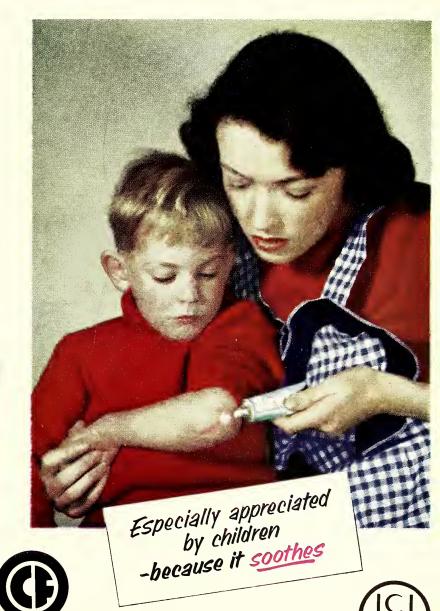
lavlon the salesmaker!

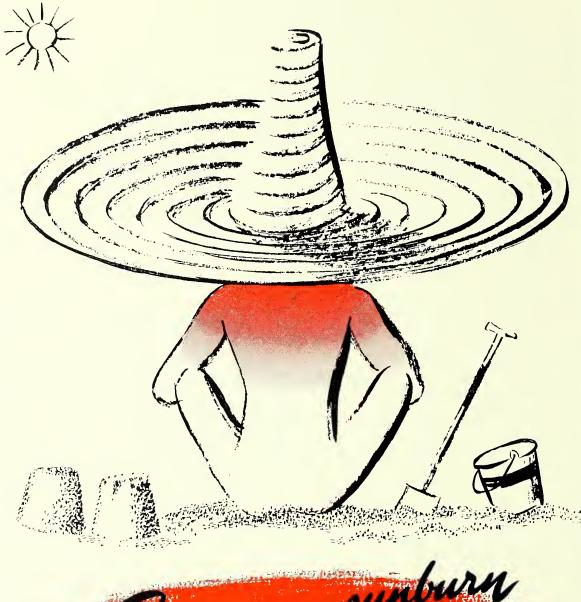


VERTISING SUPPORT -

Frequent advertisements continue to appear in HERALD, DAILY SKETCH, DAILY MIRROR, NEWS WORLD, SUNDAY GRAPHIC, SUNDAY PICTORIAL, W BULLETIN, BELFAST TELEGRAPH, GLASGOW RECORD, 'S OWN, WOMAN'S WEEKLY, HOME CHAT, HOME WOMAN'S SUNDAY MIRROR, and JOHN BULL.

OF SALE. Large and small showcards are e, and window displays can be arranged.





Acrifica

SOOTHES AND HEALS

ALLEN & HANBURYS LTD LONDON



Antihistamines for old and young

When the contents of Pandora's Box were released, Hope alone remained. To the patient of allergic diathesis, threatened by a veritable Pandora's Box of ills, the antihistamines 'Histantin' and 'Actidil' represent far more than hope.

For adults 'Histantin' is the product of choice, giving prolonged relief with a minimum of side-effects.

The new quick-acting antihistamine, 'Actidil', exerts its effect for about 12 hours and is also notable for low incidence of side-effects. 'Actidil' Elixir has been specially formulated and clinically tried for the treatment of allergic conditions in children.

- **HISTANTIN**, 50 mgm., is issued in bottles of 25, 100 and 500 at list prices (subject to usual discount) of 6/6, 24/6, 110/-.
- **ACTIDIL**, compressed products of 2·5 mgm. in bottles of 25 and 500 at list prices (subject) of 6/6 and 110/-.
- 'ACTIDIL' ELIXIR in bottles of 20 fluid ounces, for dispensing, at a list price (subject) of 15/-.



BURROUGHS WELLCOME & CO. (The Wellcome Foundation Ltd.) LONDON

BLAND RAPID-ACTING PLEASANT PLEASANT

Disprin REGD.

is a highly suitable analgesic for



the personal use of everyone



DISSOLVED IN WATER, a "Disprin" tablet forms a true solution of calcium aspirin. This solution is substantially neutral. Disprin provides soluble aspirin of high and unvarying quality.





RETAIL PRICES

(incl. P.T.)

50-tablet bottle 3/2 26-tablet bottle 1/11 8-tablet foil $8\frac{1}{2}$ d.

TRADE PRICES

(excl. P.T.)

50-tablet bottle 23/- doz. 26-tablet bottle 13/10 doz. 8-tablet foil 5/2 doz.

N.H.S. basic price 300 tablets in foil 7/6

RECKITT & COLMAN LTD., HULL & LONDON (PHARMACEUTICAL DEPT., HULL)

B.P.C. 1954 N.F. 1955

Evans Medical are producing most of the new items in the new B.P.C. and N.F. including the following:—

Applicat. Gammabenzen. N.F. Narist. Naphazolin. B.P.C.

Aurist. Chloramphen. N.F. Sp. Chir. B.P.C. No.1. N.F.

Caps. Ergot. gr 2½ N.F. Supp. Cinchocain. B.P.C.

Conspers. Zinc. Stear. N.F. Tab. Aneurin. Co. N.F.

Insuff. Pituit. Post. B.P.C. Tab. Aneurin. Co. Fort. N.F.

Linct. Methadon. N.F. Tab. Ferr. Glucon. gr.5. N.F.

Ung. Bals. Peruv. Co. N.F.



EVANS MEDICAL SUPPLIES LIMITED

LIVERPOOL · LONDON · NEWCASTLE · SWANSEA

(Glasgow Distributors: The New Apothecaries Co. Ltd.)

DUAL PURPOSE FEEDER



Regd. Trade Mark

"SKYLON"

POLYTHENE FEEDING BOTTLE

P.A.T.A.

The new modern lightweight feeding bottle that no mother should be without. Indispensable at all times. Made of Pure Polythene. Safe and

- UNBREAKABLE
- HYGIENIC
- TASTELESS
- ODOURLESS

UNAFFECTED BY FOODSTUFFS

All standard teats fit neck. Will keep contents warm longer than any glass bottle



Manufactured by

FIBRENYLE LTD.

This is sold complete with the "SKYLON" brand valve

teat and NO-GERM CAP. It combines all the benefits of

a feeding

bottle with the advantages of a food measure.

Additionally

the wide neck

permits of easier filling,

and the large

teat allows

the nearest

approach to

natural feeding.

157 DUKES RD., LONDON, W.3

TELEPHONE :

Obtainable from your usual Wholesaler

ACORN 5073

Summer so is on the way



ESTBAN De Luxe

CREAM OF CALAMINE

Summer sun will soon be here—and with it scorched skins. Esoban De Luxe Cream of Calamine brings ease and comfort. Ideal for sunburn, skin irritation, chafing and eczema. Stock up now—

SPECIAL SEASONAL TERMS 33\frac{1}{3}\times discount and bonus 13 to the dozen.

PLUS

5% on £5 and 10% on £10 direct orders in return for 14-day counter and window display.

* Send for attractive show material.

SOUTHON LABORATORIES LTD 88, UPPER RICHMOND ROAD, LONDON, S.W.15.



LARGE SIZE 2/11d. (inc. tax) HANDY PACK 1/6d. (inc. tax)

Dr. INVERNI & DELLA BEFFA, S.p.A.

VIA RIPAMONTI 99,

MILAN. (ITALY)

TELEGRAMS: INVERBEFF-MILAN

Manufacturers of:

L-ASPARAGIN, PURE NATURAL

APIOL

COLCHICIN, B.P. 1953

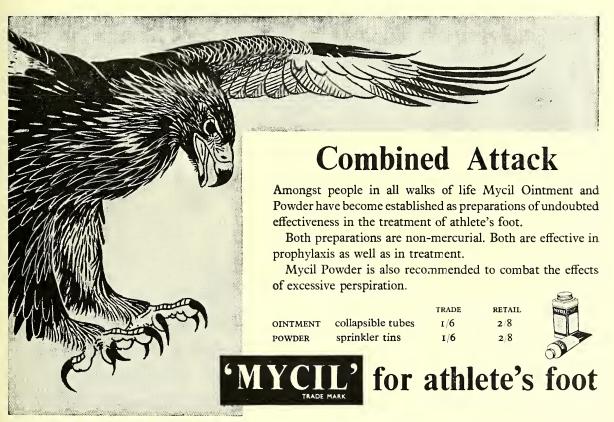
GARLIC OIL, NATURAL

MALE FERN EXTRACT, B.P. 1953

Drug Extracts for all purposes

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From the Carnegie Range of Fine Chemicals

QUININE AND SALTS

CARNEGIES OF WELWYN LTD

Telegrams: 'CARNEGIES, WELWYN GARDEN CITY'

Telephone: WELWYN GARDEN 5001

(6 lines)

New Pack ... New Market ...

Extra Rate of Profit!

PLUS INTRODUCTORY BONUS OFFER UNTIL JUNE 30th

Gelusil, antacid-adsorbent is being marketed in a new popular size — the Gelusil 20-tablet pack.

To introduce the new pack, William R. Warner & Co. Ltd., are making this two-parcel profit-rich bonus offer:



12 Gelusil 20's charged as 11 cost you 15/2d. (excl. P.T.)

Your profit is 7/9d. (34%)

Parcel 'B'

36 Gelusil 20's charged as 30 cost you £2.1.3d. (excl. P.T.)

Your profit is £1.7.4d. (40%)





Orders must be sent direct to William R. Warner & Co. Ltd., but if you prefer, parcels may be invoiced through your usual wholesaler. Remember, your orders must be posted on or before June 30th.

WM. R. WARNER & CO. LTD., POWER ROAD, LONDON, W.4.



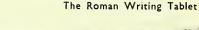


at $2/3^{\mathbb{D}}$ each

No. 5 of a New Series PRESENTED BY ARTHUR H. COX & CO. LTD.

It depends what you mean by

TABLETS"







Interior

n the September 1954 issue of the BRITISH MUSEUM QUARTERLY, Vol. XIX, Number 2, there appeared an account by Mr. J. W. Brailsford of a group of three fragments of Roman writing tablets recently given to the Department of British and Medieval Antiquities by Professor I. A. Richmond. One specimen being of exceptional interest. All made of fir wood, these fragments came from the bed of the Walbrook, in Lothbury, City of London.

Through the courtesy of the Trustees of the British Museum we have received permission to

quote much of Mr. Brailsford's interesting description which continues as follows:

"The most interesting piece is inscribed on the outside with the word Londinio, in bold cursive characters which were probably written with a bronze pen. On the inside is the impression of part of a letter written on the wax coating (which is not preserved) with a stylus held so firmly that it cut through the wax and into the wood. The extant part of the text is slightly longer and probably more interesting than any other inscription surviving from Roman London. Professor Richmond's transcription is as follows:

- 1 Rufus callisuni salutem epillico et omni bus contubernalibus certiores vos esse credo me recte valere si vos indi cem fecistis rogo mittite omnia
- 5 diligenter cura agas ut illam puel lam ad nunumum redigas.

'Rufus, son of Callisunus, greeting to Epillicus and all his fellows. I believe you know I am very well. If you have made the list, please send. Do thou look after everything carefully. See that thou turnest that slave-girl into cash . . . '

This inscription is likely to date from the first century A.D. It gives an intimate and instructive glimpse of life in Roman Britain. Callisunus and Epillicus are both Celtic names, so the inscription shows us a master (Rufus) and his servant, both of native stock, conducting business in Latin."

When one considers the thousands of formulas which are made up every year by the COX Organisation and indeed throughout the pharmaceutical industry we can say much of *our* business is conducted in Latin—and there we must leave this interesting subject . . .

.. but the best tablets TO-DAY

are made by

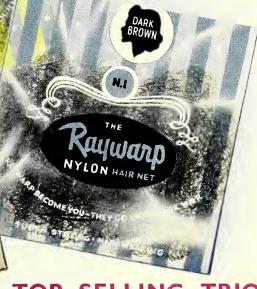




but the net is invisible

Invisibility - a desirable quality of hairnets and a chief selling feature in these Raywarp lines - should not be applied to products at Point of Sale. Raywarp realise that attractive packs mean better sales and so their nets are dressed to sell. These hairnets are consistent in their popular sale. You can stock Raywarp with safety · their products, their packs, keep-

Raywarp ahead



SELLING

NI (Blue Pack) R14 (Pink Pack)

HAIRNETS

Nylon-the superstrong hardwearing net.

Real Silk, Super-fine, invisible.

BII (Yellow Pack) Bun Net - 15-denier nylon - small mesh net, invisible. Fashion forecasts the return of Bun styles this season.

RAYWARP TEXTILES LIMITED - ALFRED STREET NORTH - NOTTINGHAM





These striking new Self-Service Dispensers





an even greater boost to HALEX sales give

NOTHING SUCCEEDS LIKE SALES!

Along came the new Dispensers! Up went the sales of HALEX COMBS . . . like a shot! Sales of both nylon and acetate combs exceeded all expectations . . . even ours. Without a doubt the Dispensers have proved a huge success.

If you haven't yet ordered these hardworking sales-teams, get in touch with your usual supplier right away. As well as providing an attractive eye-catching display, Halex Comb Dispensers really simplify ordering, stocking and selling. And remember they cost you nothing!

HALEX (A DIVISION OF THE BRITISH XYLONITE CO. LTD.) HIGHAMS PARK, LONDON, E.4.



a Comprehensive Range

MORPANS CH & CHS (CETRIMIDE BP)

Powerful Quaternary. Bactericides for Antiseptic Cleansing.

TEXOFOR AIP (CETOMACROGOL 1000 B.P.C. 1954) Non-Ionic Emulsifier and Dispersant.

COLLONE NI (CETOMACROGOL WAX B.P.C. 1954) Non-lonic Emulsifying Wax for inert emulsions, resistant to extreme pH values, hydrolytic agents and high salt concentrations.

COLLONE AC

Non-lonic Emulsifying Wax especially valuable for hydrocarbon emulsification ranging from light oils to high melting paraffins.

Hydrophilic base Pharmaceutical and Cosmetic preparations.

COLLONE SE

Anionic Emulsifying Wax for producing emulsions exceptionally stable to temperature changes and giving high viscosities at low concentrations.

COLLONE HY

Anionic Emulsifying Wax Base for the Cosmetic Industry.

GLOVERS (CHEMICALS) LTD. WORTLEY LOW MILLS, WORTLEY, LEEDS 12. Tel: Leeds 63-8037. Grams: "Glovers, Wortley, Leeds."



An entirely NEW product

BY THE CROOKES LABORATORIES LIMITED

Personal Blend

LIQUID CREAM FOUNDATION

that the user blends herself

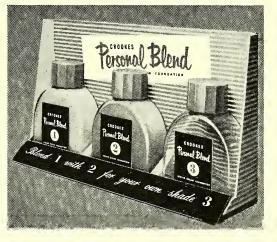
PERSONAL BLEND, a revolutionary idea in the cosmetic world, is a liquid cream foundation that the user blends herself to her exact requirements. There is a set of three bottles—one containing a light shade of cream, the second a dark shade. To match her exact colouring, the user blends the light and dark shades in the required proportions in the third bottle.



This half-page advertisement will be appearing in the DAILY EXPRESS on 24th June and will be seen by over 5,000,000 women. Extensive advertising is also being carried out in the DAILY MIRROR and the leading women's magazines.

The Set retail price—13/6d. (9/- plus 4/6 P.T.). Single carton retail price 6/9d. (4/6 plus 2/3 P.T.) Retail discount 33½%

Catherine Boyle, of T.V. fame, gives her unqualified support to this exciting new product and appears in all advertisements and display material.



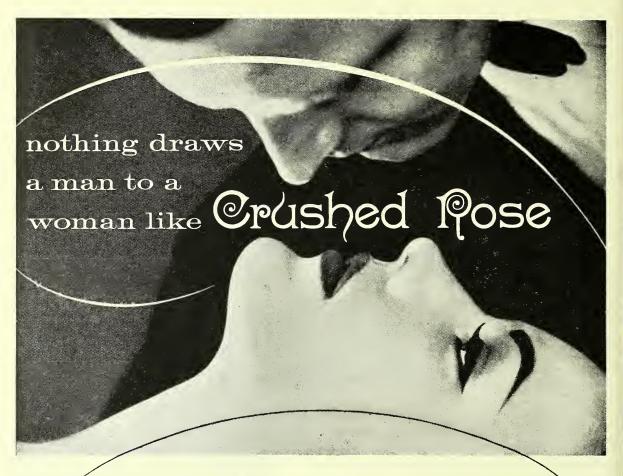
During the introductory period, May, June and July, Personal Blend will be invoiced on a Sale or Return Basis.

SOLD ONLY THROUGH CHEMISTS

Full details have already been mailed to you

Post off your order now

THE CROOKES LABORATORIES LTD., PARK ROYAL, LONDON, N.W.IC



...and nothing will draw a woman to your counter like this magnetic new

MAX FACTOR

lipstick shade!

DRAMATIC...INTENSIVE...NATION-WIDE Crushed Pose Advertising on the vast Max Factor scale BEGINS ON JUNE 5th ... Ensure adequate stocks...bold displays...this advertising will work for YOU!



HEAD OFFICE & WORKS: MANSFIELD ROAD, DERBY. Tel: 48266 (4 lines)
BRANCH WAREHOUSE: GROSVENOR ST., ASHTON under LYNE. Tel: 2816 (3 lines)

Photographers are singing its praises!

OUY-MIN
OUTDATES ALL OTHER SPIRAL LOADING TANKS

The striking multicolour carton in which Polly-Min is packed is an eyecatcher on the counter or in the window, Polly-Min cartons can be stacked to form a brilliant and unusual display.

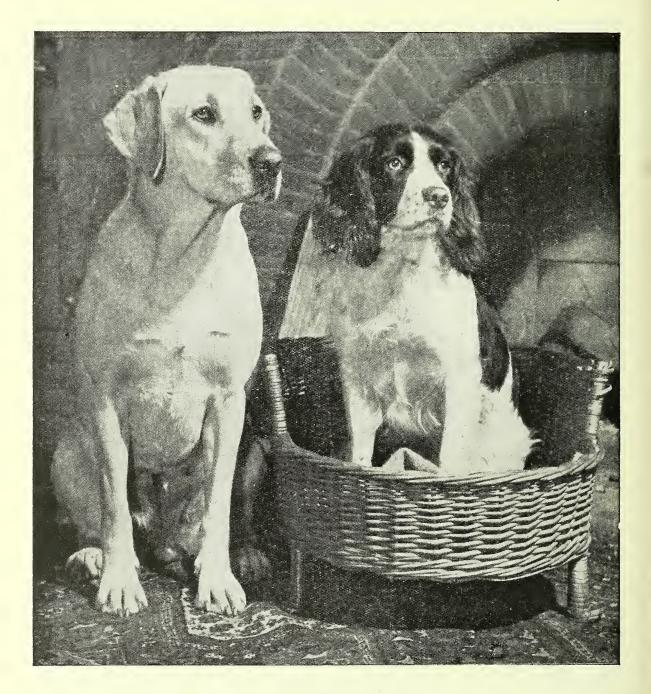
NEVILLE BROWN & CO. LTD.

Photographers everywhere have been quick to realise the advantages of Polly-Min—they appreciate its unique features, its great strength and its simplicity.

Remember these points: 100% polystyrene—lighter, stronger, highly resistant to chemicals; takes 120 or 127 roll films, 20 exposures on 35 mm. and No. 88 films; needs only 10½ ozs. of solution for 120 size and only 6½ ozs. for 35 mm.; transparent flanges make it unnecessary to remove film from spiral during colour processing; Roto-feed and automatic two-way agitation; complete with practice film and instruction book.

PRICE ONLY 25/-

77 NEWMAN STREET • LONDON • W.1 Telephone: LANgham 7161 (10 lines)



Best beloved subjects with all amateurs and a steady source of profit for professionals—animals and pets. Gevapan 33 has great speed, fine grain quality and an exposure latitude of nearly a full stop either way: invaluable in spontaneous snap shotting—facts which your customers will be quick to appreciate.



GEVAPAN 33

GEVAERT LIMITED . ACTON LANE . HARLESDEN . N.W.IO

Spring

ring Window Display Contest Result

WINNER OF THE

£100 GRAND PRIZE

was

NIGEL GERRARD, E.P.S.

of 18 Seaview Road, Wallasey, whose window was chosen from a large entry as the most striking example of attractive, eye-catching display.



In addition, twelve £5 and thirty-five 1 guinea consolation prizes were awarded.

The Rexall Drug Co. Ltd. wish to thank all competitors for making this contest so successful and helping to stimulate still bigger business for chemists everywhere stocking *Rexall* lines.

Other main prizes were awarded as follows:

£50 EACH

HUGH BAIRD, M.P.S 253 Castlereagh Road, Belfast, N.I

R. H. EVANS, M.P.S 50 Portland Road, West Bridgford, Nottingham

FRANCIS & CO. (WREXHAM) LTD

18 Town Hill, Wrexham

£30 EACH

MESSRS. RALPH CUTHBERT LTD 10-16 Westgate, Huddersfield

R. W. HARRISON, M.P.S 81 Ulleswater Road, Lancaster

W.T. HIND, M.P.S 78 Queen's Road, Leicester

s. Robinson, M.P.s 19 Broad Street, Blaenavon. Mon.

£10 EACH

s. DINGLE & CO. LTD

Pharmacy Dept.. Royal Parade

Plymouth, Devon

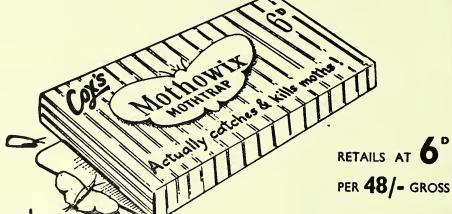
F. & R. HOWARTH LTD 59 Deardengate, Haslingden, Rossendale, Lancs

ERNEST M. FOX LTD
294 Balby Road Doncaster

STANLEY HAYWOOD LTD
13 Mealhouse Lane, Bolton Lancs.

H. RIDEHALGH
712 Wimborne Road Bournemouth

"MOTHOWIX" MOTHTRAP



* Odourless!

* Actually catches and kills moths!

order with



THE ORIGINAL

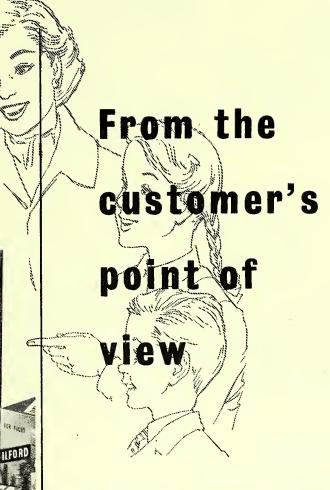
D.D.T. FLYCARDS

Cox's 3d.	D.D.T. FLYCARDS (THE ORIGINA	AL)	•••	24/- PE	RGROSS
Cox's 3d.	D.D.T. CHIMPS	•••		24/	7*
Cox's 4d.	D.D.T. PARROTS			32/	••
Cox's 4d.	D.D.T. ROSE BASKETS	•••		32/	••
Cox's 6d.	MOTHOWIX MOTHTRAPS	•••		48/	••
	LESS 210/ MONTHLY ACCO	HINT			

BONUS TERMS—[0°/0 on orders for 3 gross

THIS OFFER APPLIES TO ORDERS FOR FLYCARDS AND MOTHOWIX
IN ANY ASSORTMENT

JAMES COX & CO., D.D.T. WORKS, STH. HARROW, MIDDLESEX. Telephone: BYRON 4326



The new Ilford Envoy camera is designed to attract more buyers to your counter. Feature the novel display unit and the attractive cartons in your window to bring in new box-camera customers — youngsters who have seen our advertisements in their own magazines, and grown-ups who want a simple, efficient snapshot camera.

Ilford advertisements are giving the Envoy a build-up in women's and junior magazines as a gift for all occasions — the ideal snap and flash camera for home, believe and believe



Simple to use and delightful to handle. Two-position lens for Faces and Places. Clear eye-level viewfinder. Flash contacts. Takes 8 pictures on 120 or 620 roll films.

LFORD



ILFORD LIMITED · ILFORD · LONDON

ANDARD ROUND BOXES FOR THE CHEMIST



"SEALITE" OINTMENT BOXES

PILL BOXES

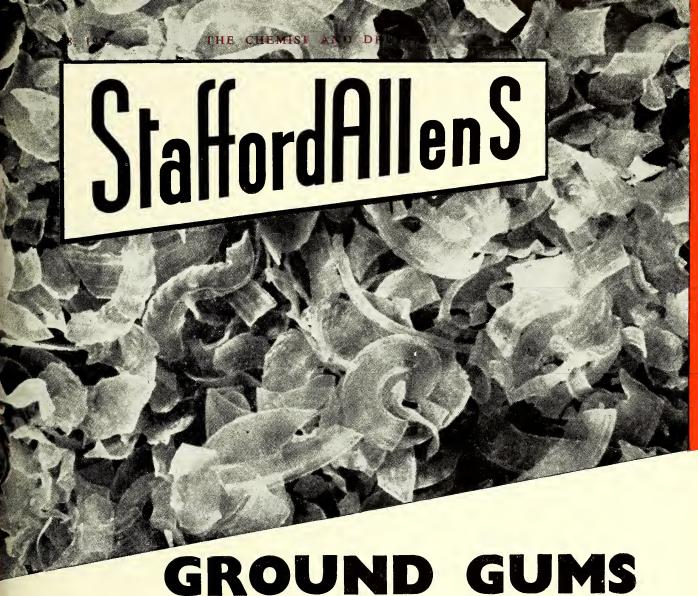
MADE BY POBINSONS OF CHESTERFIELD

ALL AVAILABLE FROM STOCK THROUGH YOUR USUAL SUPPLIER

NSON & SO

WHEAT BRIDGE MILLS,

Telegrams: 'BOXES', CHESTERFIELD. Telephone: 2105 (6 lines)
Landon Office: KINGS BOURNE HOUSE, 229-231, HIGH HOLBORN, W.C.I. Telegrams: OMNIBOX.HOLB, LONDON Telephone: HOLborn 6383



TRAGACANTH KARAYA ACACIA

As leading millers of Natural Gums, we carry a wide range of the different grades used by the Pharmaceutical and Allied Industries. These gums are rigidly tested and controlled for mucilage uniformity, fineness, colour, ash, etc., etc.

Continuity of quality is assured.

ORDER FROM

STAFFORD ALLEN & SONS LTD., WHARF ROAD, LONDON, N.I

Telephone: CLErkenwell 1000

They'll want KLEENEX

ALL summer lon

FOR

PICNICS
WEEK-END TRIPS
MOTORING
HOLIDAYS
CAMPING
HIKING
YACHTING
SUMMER COLDS
HAY FEVER
CHILDREN
GOING ABROAD

—and a hundred and one other uses outdoors and in!

— BECAUSE KLEENEX

will be advertised right through the summer—gay, bright ads to bring you a wave of summer buying! Plus special Kleenex Weeks at main resorts all round the coast!



Summertime is a wonderful time for Kleenex*—the tissue handkerchief with so many summer uses, outdoors and in. Special Kleenex advertising will remind people who are travelling or holidaying, motoring or week-ending, to buy Kleenex before they go.

Special Kleenex Weeks at the main seaside resorts will catch the attention of holiday makers from all over the country, will help bring you more customers this summer—and next winter, too. **Stock up** now to meet this increasing demand.

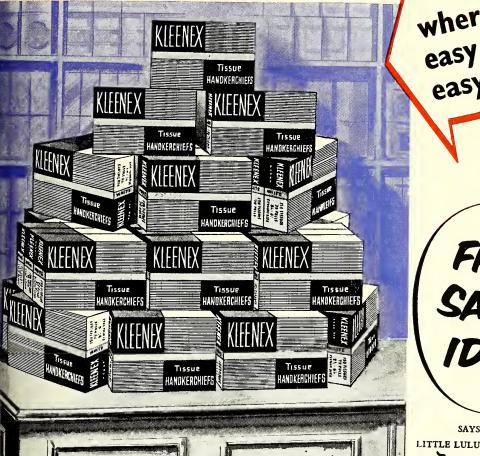
*REG. T.M.

A 5 CASE ORDER GIVES YOU 5% DISCOUNT—
BRINGS YOU 5% EXTRA PROFIT

IT PAYS TO DISPLAY KLEENEX

ALL summer long

KLEENEX! display

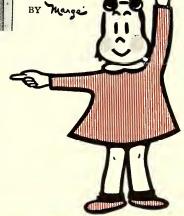


where it's easy to see... easy to buy





Here's a free sales tip and a good one. Remember, even in summer, people still need handkerchiefs. So for summer sales, position your Kleenex floor dispenser close to your stocks of sun tan lotion, sun glasses, cameras, beach accessories, etc. You'll find you'll sell a lot more this way!



SAYS

OUTSELLS ALL OTHER BRANDS COMBINED



EYE LEVEL
HAIRGRIP DISPLAY
2 doz. HANDIPAKS



LIFE SIZE



HP 3 33 EVE HAIRGRIPS

41/- Gross Boxes (Plus Purchase Tax 25%)

RETAIL 6d.

★ INSTANT APPEAL

Eases work for Retailers

* SELF SERVICE

A fast moving line

* BIG VALUE

More Hairgrips than on cards for 6d.

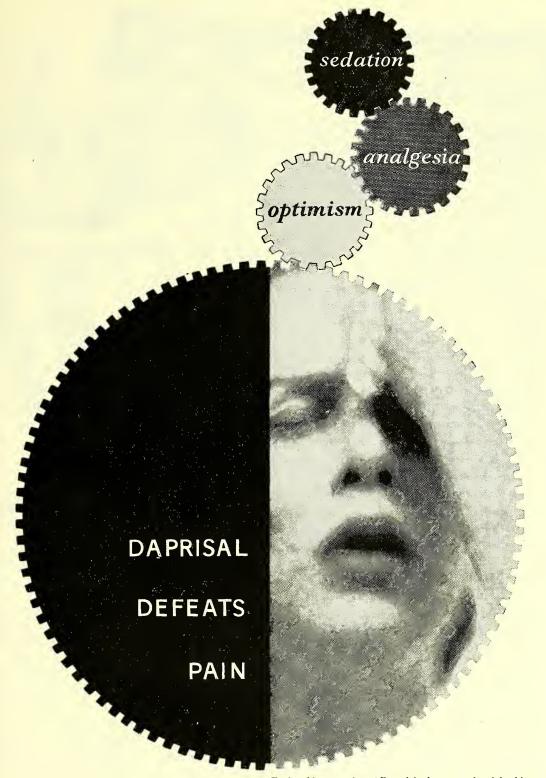
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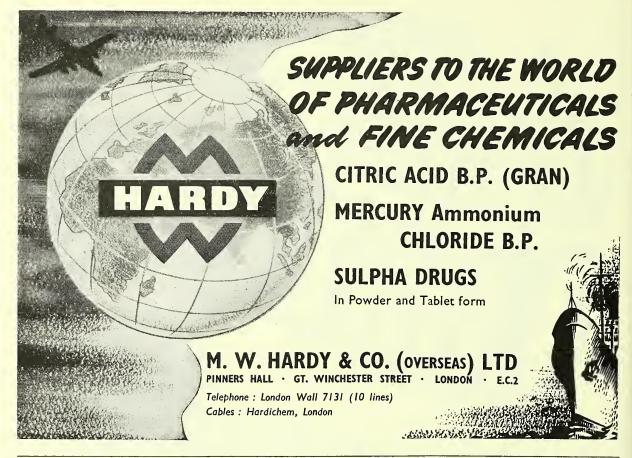
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All Fire Extinguishers look alike. Please tell us why NU-SWIFT are so much better—BEFORE IT IS TOO LATE!

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THIS FREE-OF-COST CABINET

just answers the problem of how to keep your

SAMPLE

PILL

and TABLET CARTONS

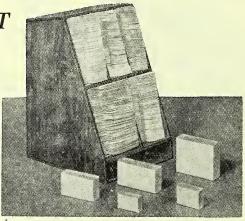
CONVENIENT · COMPACT · CLEAN

It is not easy to keep pill cartons compact and at the same time convenient. But it is easy with the Certor Pill and Tablet Carton Cabinet—a new cabinet which will be an aid to efficiency in the dispensary. You simply fill up the five sections with cartons of the appropriate size, and you have at hand any size you want whenever you want it.

And this neat, useful, strongly-made cabinet is free of cost. You get it free with order for Certor Pill and Tablet Cartons. It is a cabinet which will prove its usefulness in every dispensary. The cartons are kept clean and tidy, and there is no waste through dust or soiling.

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Certor Pill and Tablet Cartons are packed in outer cartons holding 500.



CABINET FREE WITH ORDER

The Certor Pill and Tablet Carton Cabinet is supplied free with order for Certor Pill and Tablet Cartons (plain) to the value of £6 13s. 9d.

MACDONALD & SON LTD . HOPE MILLS . POLLARD STREET . MANCHESTER 4



-if they have to take Senna they'll be glad to take

Senna, in pastille form; no infusion and no measuring is needed. Sudex is taken as easily and as Sudex Pastilles will be advertised to the public. Make sure of sales

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A service to support your skill a care in meeting the exacting needs of N.H.S. dispensing

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You can rely on Thornton & Ross Ltd., to deliver goods—of unimpeachable standard and accuracy—with the utmost regularity.

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EYE LOTION

Prepared by

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SURGICAL ELASTIC HOSIERY

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Over 60 years' service of everything surgical

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Recommend it with assurance for Eye Strain, Tired Eyes, Inflammation etc.

Retails 2/3 per bottle

(including Eye Bath) Cost Price 17/6 per doz.

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PACKED IN DISPLAY OUTERS EACH CONTAINING SIX BOTTLES

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The recognised treatment in conditions requiring the lowering of arterial tension

DETENSYL is another in the series of M.B.L. preparations which, after stringent laboratory and clinical tests, have been accepted by the Medical professions of many countries. In various indications associated with blood pressure, regular administration, as prescribed, restores normality. Subsequently a small, periodic dosage is recommended for maintenance.

DETENSYL is prepared in the form of tablets, from mistletoe, liver, pancreas and lung substances. It is more than a palliative because it re-educates the endocrine glands, allowing them to resume their regulation of the arterial tension. Although mistletoe, the chief constituent, is itself a proved hypotensor, without the supplementary elements its action would be neither so rapid nor so prolonged.



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Conditions frequently associated with blood pressure, such as Menopausal Disturbances, Arteriosclerosis, Sclerosis of the Kidneys, Persistent Cephalalgia, Arthritis and Auditory and Ocular Troubles, respond to DETENSYL therapy and almost inevitably disappear with the lowering of arterial tension.

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ROSE'S SUGAR-FREE

Lime Marmalade

Reducing sugars (Carbohydrate) equals 0.17 grams per ounce.

This delicious new marmalade is made from West Indian limes and sweetened with Sorbitol instead of sugar. It is exceptionally low in sugar derived from the fruit. Recom-

mended for diabetics and those on weightreducing diets, Rose's Sugar-free Lime Marmalade is approved by The British Diabetic Association. The price is 3/9d. a jar.

Also Rose's Diabetic Fruit Drinks:

Lime Juice 3/6d. a bottle; Squashes, Orange or Lemon, 3/-.

Do not disappoint your customers

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Powders and tablets for the safe and speedy relief of headaches, colds, chills, rheumatic and nerve pains.

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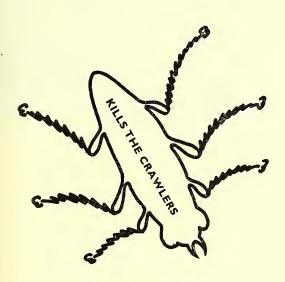
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Steady sales assured for the

New dual-purpose SHELLTOX

with dieldrin

One spraying lethal to household insect pests for up to 3 months!



This new SHELLTOX contains dieldrin, the most powerful and persistent insecticide yet discovered.

Sprayed on walls and other surfaces it kills crawling and settling insects for up to 3 months (unless washed off), thanks to the remarkable residual characteristics of dieldrin. Used as a "knockdown" space spray, SHELLTOX clears a room of flying insects immediately.

The new SHELLTOX KILLS: Flies, Mosquitoes, Midges, Wasps, Fleas, Carpet and other Beetles, Silverfish, Clothes Moths, Woodworms, and those difficult-to-control pests Ants and Cockroaches.

SHELLTOX thus opens the way to more profitable insecticide sales. Advise your customers to use it before the flies appear — like soaps and polishes it helps to keep homes fresh and pleasant. Sell SHELLTOX not merely for Summer fly-season spraying but all the year round!



product distributed by:

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Don't miss this holiday offer!



Two 10½d. Tablets of LUX TOILET SOAP for 1'6d.

Supplies of this special holiday offer are limited. Make sure of your order NOW.

ASK YOUR LEVER REPRESENTATIVE FOR FULL DETAILS



When your advice is sought....

for digestive upsets

Exerting an immediate and prolonged neutralizing action, 'Milk of Magnesia' Tablets are particularly valuable to the chronic or casual sufferer from dyspepsia and acid indigestion.

Pleasantly mint flavoured and

disintegrating readily in the mouth, they require no water to assist assimilation and may conveniently be carried in pocket or purse ready for use whenever the first symptoms of pain or discomfort appear.

Milk of Magnesia TABLETS

The other Phillips' Proven Products are:

'Milk of Magnesia' REGD.

Of unsurpassed efficacy in the treatment of a wide variety of conditions associated with gastric acid disturbances.

'Mil-Par'

A genuinely mild evacuant ideally suited for administration to young infants, the enfeebled, sick or elderly.

Phillips' Dental Magnesia Toothpaste

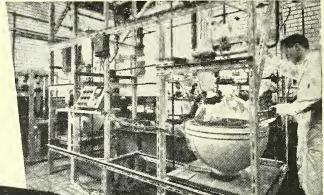
A dentifrice of proved efficacy in keeping the teeth scrupulously clean. Contains 'Milk of Magnesia' to neutralize harmful mouth acids.

California Syrup of Figs? REGD.

Compounded from the natural extracts of senna and figs. A gentle yet efficacious laxative for family use.

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Large glass reaction vessel for investigating intermediate production



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As above with 25-gallon enamel cast iron vessels for larger scale trials

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Phenobarbitone Sodium B.P.

Barbitone B.P.

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Butobarbitone B.P.C.

Amylobarbitone B.P.C.

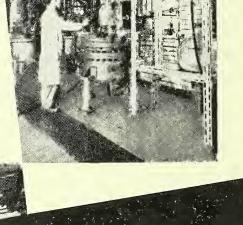
Amylobarbitone Sodium B.P.C.

Cyclobarbitone B.P.C.

Cyclobarbitone Calcium

Hexobarbitone B.P.

Methylphenobarbitone B.P. Quinalbarbitone Sodium B.P.





Bulk production of esters for Barbiturates



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Then all the care in the world won't make my saucepans as efficient as the wonderful equipment Heinz have for keeping the goodness right in the foods.

Besides all that, every batch of Heinz Strained Foods is tested to make sure the goodness is always the same.

My baby has had Heinz Strained Foods every single day since she was three months old. They've given her the varied diet she needs — one look at her bonny little face proves that!"





Advertising

sells the goodness of HEINZ STRAINED FOODS

Every advertisement in Heinz great new campaign works hard for you.

Advertising consolidates demand. And demand means sales. Heinz new advertising sells variety by stressing the goodness of Heinz Strained Foods. It persuades mothers that they can give baby a really nourishing varied diet without home cooking. That's why mothers will be asking for an increasing variety of strained foods in your shop. Be sure to profit from the demand.

Watch the advertising. Watch your growing sales. Display and *sell* all 19 varieties of Heinz Strained Foods.

H. J. HEINZ COMPANY LTD., HARLESDEN, LONDON N.W.10



THE CHEMIST AND DRUGGIST

ESTABLISHED 1859

The weekly newspaper for pharmacy and all sections of the drug, pharmaceutical and fine chemical, cosmetic, and allied industries

Official organ of the Pharmaceutical Society of Ireland and the Pharmaceutical Society of Northern Ireland

Volume 163

May 28, 1955

No. 3927

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Endocil

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2 Special display discount gives exceptional profit.

The effectiveness of the cream has been proved. This ensures repeat business through you.

Display material available. Endocil (only available through chemists) costs merely 5/3d. including P.T. TO WOMEN OVER 30

who are concerned about their skins



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many years specialist hormone research. A daily application of Endocil will make a great improvement to your skin even in three weeks.

It's available only through chemists and costs 5/3 the tube which will last you 4-6 weeks

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ORGANON LABORATORIES LIMITED · BRETTENHAM HOUSE · LANCASTER PLACE · W C 2

Volume 163

MAY 28, 1955

No. 3927

First Honorary Fellow of the Society

DUKE OF EDINBURGH AT RECEPTION TO MARK NEW CONSTITUTION

AT the imposing and beautiful headquarters of the Royal Institute of British Architects, London, on May 23, the Duke of Edinburgh became the first Honorary Fellow of the Pharmaceutical Society of Great Britain at a reception attended by 700 members and guests of the Society. The reception commemorated the Supplemental Charter granted to the Society in 1953 under which the power to create Fellows and Honorary Fellows was authorised.

Welcoming his Royal Highness, THE PRESIDENT (Mr. Eric A. Brocklehurst) said that the Pharmaceutical Society of Great Britain greatly valued the encouragement it had received throughout its history from successive monarchs. The Society received its first Charter from Queen Victoria, and a Supplemental Charter from King Edward VII. In 1948 King George VI granted a further Charter, and Queen Elizabeth II gave "what is virtually a renewed constitution" by her Charter of 1953, the granting of which was being celebrated that night. The Queen had also honoured the Society by succeeding her father as its Patron.

The gracious acceptance by the Duke of Edinburgh of the unanimous invitation by the Council to become the first Honorary Fellow under the new constitution had strengthened the Society's links with the Crown and greatly encouraged members in their public duties.

The diploma, a parchment document, reads:—"This is to certify that H.R.H. the Duke of Edinburgh, K.G., K.T., has been elected an Honorary Fellow of the Pharmaceutical Society of Great Britain."

Diploma presented

The Duke, after being presented with his diploma, thanked the president with the words, "I thank you very much and I undertake not to encroach on your business." Afterwards the On your business." Afterwards the Duke spent some time touring an exhibition organised by the Association of British Pharmaceutical Industry (see p. 589), which showed the conribution made by pharmacy to medical science. Two members of the Association (Sir Harry Jephcott and Mr. C. Gordon Oakes) accompanied him and gave explanations of the exhibits, and the Duke found them so interesting that he stayed for minutes. interesting that he stayed fifty minutes instead of the intended thirty.

The Duke on arrival was met by the president and by the joint secretaries of the Society (Sir Hugh Linstead and Mr. F. W. Adams) and escorted by them to the committee room in which the diploma was presented. There the Society's Council and officers, Messrs. C. Mervyn Hill (president, Association of British Pharmaceutical Industry), A. Duckworth (its secretary), C. H. Aslin (president, Royal Institute of British Architects), C. D. Spragg (its secretary) and their wives were presented to him.

Visitors to the reception, in full evening dress "with decorations," were received in the Henry Florence memorial hall between 8 and 8.45 p.m. by THE PRESIDENT (Mr. E. A. Brocklehurst) and Mrs. Brocklehurst. were then free to visit the exhibition, were then free to visit the exhibition, to examine the Charters granted to the Society and a selection of rare books from the Society's library, to see the Walt Disney film "Water Birds" or to dance until midnight to the music of George Jay's orchestra.

Of the guests, half had been nominated by the 143 branches of the Society. The following were among the official guests who attended:—

Representing the Executive of the Scottish Department of the Pharmaceutical Society: The chairman (Mr. S. Hughan) and Mrs. Hughan, Mr. and Mrs. R. J. Cowie, Aberdeen, Mr. and Mrs. W. C. Carmichael, Mr. and Mrs. J. B. Grosset.

Honorary Auditors of the Society: Messrs. R. E. Conder, J. C. Hanbury and Sir Harry

Jephcott with their ladies.

The Chairman of the Statutory Committee (Sir David Cairns) and Lady Cairns,

The Privy Council Visitor to the Society's examinations (Dr. D. Roche Lynch).

The Heads of Schools of Pharmacy: Professor

J. P. Todd, Mr. J. E. Bowen, Mr. C. Morton, Professor W. A. Bain, Dr. Parkinson, Mr. F. R. C. Bateson, Mr. R. V. Lloyd, Dr. G. E. Trease, Professor H. Berry, Mr. C. Gunn and

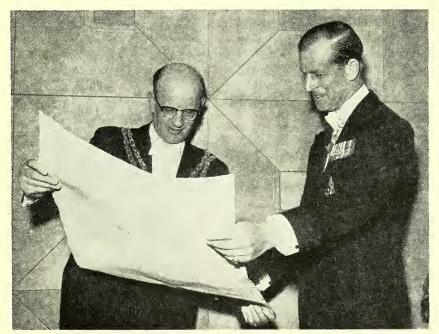
their ladies,

The University of London: The principal, academic, external and deputy registrars, clerk of the court, and deputy academic registrar.

The School of Pharmacy, University of London: Professor W. H. Linnell, Mr. E. Shotton.

Professor G. Buttle and Mr. S. R. Curtis and their ladies. their ladies.

Ex-members of Council: Messrs, A. A. McI-drum, H. T. Thomas, R. MacDonald Murray, and F. C. Wilson and their ladies.



THE DIPLOMA IS HANDED OVER: The president of the Pharmaceutical Society (Mr. E. A. Brocklehurst) presents to the Duke of Edinburgh the illuminated parchment that establishes him as the first Honorary Fellow of the Pharmaceutical Society.

The Pharmaceutical General Council (Scotland): The chairman (Mr. J. D. Mair) and Mrs.

The Association of British Chemical Manufacturers: The director (Mr. J. Davidson Pratt) and lady.

The British Pharmacopæia Commission: The

secretary (Mr. T. C. Denston) and lady.

The President, National Association of
Women Pharmacists: Mrs. A. Greenwood and

The Central National Health Service (Chemists Contractors) Committee: Mr. G. H. M. Graham and Mrs. Graham.

The National Pharmaceutical Union: The chairman (Mr. W. Talvan Rees) and Mrs. Rees; the secretary (Mr. H. N. Noble) and Mrs. Noble.

The Guild of Public Pharmacists: The chairman (Mr. A. M. Mees) and Mrs. Mees; the secretary (Mr. J. Moore) and Mrs. Moore.

The British Pharmaceutical Conference: treasurer (Mr. H. Treves Brown) and Mrs. Brown; the joint secretaries (Mr. H. G. Rolfe and Dr. E. F. Hersant) and their ladies.

The Chemists Federation: The president (Mr. Spaanderman) and Mrs. Spaanderman; the secretary (Mr. R. H. Kemp) and Mrs. Kemp.

The Proprietary Articles Trade Association: The chairman (Mr. D. A. Rees) and Mrs. Rees; the secretary (Mr. H. E. Chapman) and lady. The Pharmaceutical Society of Ireland: The

president (Mr. M. Costello) and Mrs. Costello; the secretary (Mr. J. C. Coleman) and Mrs.

The Scottish Pharmaceutical Federation: Mr. and Mrs. A. Officer.

The Law Society: The president (Mr. T. H.

Jessop) and Mrs. Jessop; the secretary (Mr. T. G. Lund) and Mrs. Lund.

The Chelsea Physic Gardens: The curator (Mr. W. G. MacKenzie) and Mrs. MacKenzie. The Institute of Civil Engineers: The secre-

tary (Mr. Alexander McDonald) and lady. The Institute of Physics: The secretary (Dr. H. R. Lang) and Mrs. Lang.

The Chemical Society: The secretary (Mr. J. R. Ruck Keene).

The Institute of Electrical Engineers: The secretary (Mr. W. K. Brasher) and Mrs. Brasher. The British Medical Association: The secre-

tary (Dr. A, Macrea) and Mrs. Macrea.

The Worshipful Society of Apothecaries of London: The master (Sir Cecil Wakeley) and Lady Wakeley,

The Royal College of Surgeons: The president (Professor Sir Harry Platt) and Lady Platt.

The General Medical Council: The registrar (Mr. W. K. Pyke-Lees) and Mrs. Pyke-Lees. The Royal College of Veterinary Surgeons: The president (Dr. Wooldridge), the registrar (Mr. W. G. R. Oates) and their ladies.

The Royal Institute of Chemistry: The secretary (Dr. H. J. T. Ellingham) and lady. The British Veterinary Association: The presi-

dent (Professor A. Robertson) and lady. The Department of Biological Standards, Medical Research Council: The director (Dr. W. L. M. Perry) and Mrs. Perry.

The Royal Institute of British Architects: The

The Royal Institute of British Alcutteets. The president, secretary and others.

The Association of Pharmaceutical Industry:
The president (Mr. C. M. Hill) and Mrs. Hill; the vice-president (Dr. T. H. M. Kerfoot) and Mrs. Kerfoot; the treasurer (Mr. H. C. H. Graves) and lady; the secretary (Mr. A. Duck-Graves) and lady; the secretary (Mr. A. Duckworth) and Mrs. Duckworth: the deputy secretary (Mr. J. M. Kirkness); and Messrs. J. F. Boucher, C. W. Robinson, J. A. E. Howard, J. D. Robinson, W. J. Merrick, W. M. Cox, R. C. Feather, H. W. Palmer, G. S. Woolley, L. D. Smith, N. Chancellor, A. Forsyth, P. Howard, R. L. Taylor, H. R. Cox, G. W. Millar, L. O. Smith, G. F. Williams, C. Turner, N. Dewey, H. A. Cocking, E. D. Carey, Rideal and R. K. Allen, with their ladies, The Ministry of Health: The Under Secretaries, Dame Enid Russell-Smith and Mr. J. E. Pater

Dame Enid Russell-Smith and Mr. J. E. Pater and their guests; the Accountant General, Controller of Supplies, Assistant Secretary, and Chief Pharmacist (Dr. H. Davis) and their ladies, The Welsh Board of Health: The chairman

and chief accountant with their ladies,

Individual guests included Mr. Justice and Lady Glyn-Jones, Dr. Katherine Coward (an honorary member of the Society), Dr. Norman

Evers and Mrs, Evers, Mr, and Mrs, Harold Deane, Mr, and Mrs, A. Aldington, Mr, D. E. Sparshott, Mr, and Mrs, Paul Dobson, Mrs, H. Skinner, Mr. and Mrs. H. B. Mackie, Monsieur A. Manchec, Paris (Franco-British lecturer in Britain), the Director General, R.A.F. Medical Services, and the Assistant Medical Director-General, Royal Navy.

"Metric only" in B.P.

APPROVED FOR 1963 EDITION

IN its report to the General Medical Council on May 24, the Pharma-copæia Committee of the Council states that it concurs with the recommendation of the B.P. Commission that the use of the apothecaries system should be abandoned in the 1963 B.P. and subsequent editions. The Committee also recommends that the British Pharmacopæia Addendum, 1955, should be published on October 3 and should come into effect on March 1, 1956. The British Pharma-Commission has copœia prepared monographs on corticotrophin, dextran sulphate, and phenindione (phenylindanedione) for inclusion in the B.P. Addendum, 1955. The Committee recommends that Mr. J. Walker, D.Sc., should be appointed a member of the Commission in succession to Professor R. P. Linstead.

Pharmacy Management

EVENING COURSE IN LONDON

A COMPREHENSIVE course of instruction in pharmaceutical business administration is being held at the Bonnington hotel, Southampton Row, London, W.C.1, on Friday evenings from October 14, 1955, to February 10, 1956. The course consists of twelve lectures dealing with business prob-lems from the retail pharmacist's angle, and covers allowances for tax purposes; business statistics; customer relationship; death duties; development of modern pharmacy; evaluation of goodwill; income tax; leasehold and freehold; limited companies; management accounting; N.H.S. dispensing; occupation of property; partnership; P.A.Y.E.; pharmaceutical costing; pharmaceutical economics; profit and profit control; rating of premises; stock control and turnover. stock control and turnover. The lecturers are Messrs. J. G. P. Barber, B.A. (Oxon); L. M. Bennett, B.A. (Cantab.), LL.B. (Cantab.); R. L. Jones, A.S.A.A.; and H. W. Tomski, B.Com. (Lond.), M.P.S., F.S.S., who is The lecresponsible for arranging the course. The course is open to all pharmacists and the fee is £3 3s. Applications for enrolment should be sent to Mr. H. W. Tomski, 64 Boldmere Road, Eastcote, Pinner, Middlesex, as soon as possible. Provisional bookings are being accepted up to September 10.

Manx Health Service

CENTRAL BUYING SUGGESTED

CENTRAL buying on wholesale terms for all institutions under the Isle of Man Health Service Board was suggested during a recent debate in Tynwald on the Board's estimate for 1955–56 of £561,000, an increase of £31,000 on the estimate for 1954–55. Mr. L. Gerrard complained that the Board did not get co-operation from local tradesmen in supplies to the hos-

pitals. The Board, he said, had kept to the rule of buying locally, but tradesmen had refused to give them wholesale terms which would save £20,000 a year. Mr. J. B. BOLTON said that before any Government wholesale trading organisation was set up they should consider the impact on the tradesmen of the Island on whom the Government relied to pay for the health and other services by taxes. Tynwald rejected the proposal of the Government Commission that the National Health Service in the United Kingdom should be the pattern for the Island service. It was questioned whether the Island could afford a fullscale service on those lines. It was agreed that the medical officer of health for the Island should be appointed administrative officer in charge of the health service.

Ban on Heroin

MEDICAL OPPOSITION HARDENS

LEADING article in the British Medical Journal of May 21 suggests that the decision to ban the use of heroin altogether may have been taken a little too hastily, especially since a possible alternative exists—a ban on the export of the drug. The article states that opinion has hardened in recent years against the prohibition of manufacture of the drug, "no doubt in part because clinical experience with the newer synthetic analgesics has increasingly shown that they do not meet the needs of some cases and that heroin alone can do so. The article also mentions a World Health Organisation report that addiction to pethidine has reached alarming proportions. On the agenda of the British Medical Association's annual representative meeting that is being held in London, June 1-4, there are motions from six divisions protesting against the ban, In a letter to The Times of May 21. Dr. A. H. Douthwaite (chairman, medical committee, Guy's Hospital, London) states that "there is no efficient substitute for heroin." If the ban is maintained, he argues, countless sufferers from cough and pain will be the worse for political interference in medical treatment.

Public Pharmacists

ANNUAL MEETING OF GUILD

the annual meeting of the Guild of Public Pharmacists held in Man-chester on May 21, Mr. A. M. Mees (president) was invested with a presidential badge by Mr. J. Moore (the general secretary and a former president and the longest serving member of the Guild council). The meeting adopted the officers' reports. A motion brought forward from the branch delegates' meeting concerning new arrangements for the annual and delegates' meetings was referred to the council for further detailed consideration and one concerning the distribution of seats on committees negotiating for hospital pharmacists was passed. meeting concluded with the announcement of the council election results, which were as follows:—Ordinary Members, Messrs. H. S. Grainger, A. M. Mees, Miss M. C. Islip, Messrs.

F. J. Whelan, S. Powlson, D. H. S. Cox, C. H. Preston Robinson, J. Moore, J. E. Cocking, G. Bryan. District Members, Scottish, Mr. J. Nichol; Northwest, Miss E. P. Button; North-east, Mr. J. Myers; Midland, Mr. W. Mott; South-west, Mr. G. H. Whale; Southeast, Mr. J. Fish and Mr. D. F. Smith.

Study Tour in Germany LINKED WITH LONDON I.P.F. ASSEMBLY

THE German Educational Travel Association, 1 Veillodlerstrasse, Nürnberg, has prepared a study tour that is taking place in Germany in the week prior to the sixteenth general assembly of the International Pharmaceutical Federation, London, September 19–23. The route of the German tour, which starts on September 11, covers Stutt-gart, Heidelberg, Darmstadt, Frank-furt-am-Main, Wiesbaden, Koblenz, Bonn, Köln and Düsseldorf. The programme includes visits to important pharmacies, pharmaceutical factories and institutes. In Stuttgart there will be a reception by Professor Dr. Kaiser (president, German Pharmaceutical Society) who is lecturing on the present situation of apothecaries in the German Federal Republic. In Darmstadt there will be a visit to the pharmaceutical factory of E. Merck and in Frankfurt-am-Main to the factory of Farbwerke Hoechst. In Leverkusen the factory of Farbenfabriken Bayer, A.G., is being visited. Full details of the programme are available from the German Educational Travel Association. Applications must be received by August 27.

Atomic Energy BRITISH EXHIBITIONS AT GENEVA

THE United Kingdom is holding two exhibitions in Geneva, August 8-20, on the peaceful uses of atomic energy. The exhibition will coincide with the International Conference of Scientists, under the auspices of the United Nations, to which eighty-four countries have been invited. One exhibition of a purely scientific character and intended principally for members of delegations is being staged by the United Kingdom Atomic Energy Authority; the second will be open both to delegations and to the general public. United Kingdom Atomic Energy Authority exhibits will provide a general survey of the peaceful applications of atomic energy in Britain, and the subjects presented will include Britain's first atomic power station, now being built at Calder Hall; the ten-year power station programme; isotope applications in industry, medicine and agriculture; and nucleonics.

Associated with that central feature will be exhibits presented by British firms concerned with atomic energy development.

Photographic Dealers ANNUAL MEETING AND LUNCHEON

THE Photographic Dealers' Associa-

tion at its annual meeting in London on May 18 elected Mr. Allen Aldington President, and Mr. E. Butterwick Vice-president for 1955-56. Mr. Charles Walmsley was re-elected Treasurer. Mr. Aldington was president of the Association in 1952-53. To commemorate the founding of the Association forty-one years ago the surviving founder members were invited by the national council of the Association to a luncheon held after the meeting. They were Messrs. Alfred Oglesby (a past-president who, in his eightieth year, is still an active member of the national council), Frank Bridges (T. C. Bridges, Bradford) and Wallace Heaton (founder of Wallace Heaton, Ltd.) who was unable to attend owing to ill-health. Among other guests was Mr. Shumacher (president of the American Photographic Manufacturers' Associa-

Overseas Tenders

NEED TO QUOTE FIRM PRICES

SPEAKING at the fifteenth annual meeting of the National General Export Merchants' group of the London Chamber of Commerce, Mr. Berry (chairman) strongly urged British manufacturers always to quote firm prices for exports. Failure to offer fixed prices was doing untold harm to the country's commercial reputation abroad, he said, and until British industry was prepared to relinquish once and for all the wartime practice of quoting "prices ruling at date of delivery" valuable business and goodwill would continue to be lost to competi-

Gift to Director LONG SERVICE RECOGNISED

AT the annual luncheon of the Association of Manufacturers and Suppliers for the Graphic Arts held on May 4, a gold cigarette case was presented to Mr. R. L. Taylor (managing director, Johnsons of Hendon, Ltd.) who had completed twenty-one years of continuous service to the Association and its predecessor, first as secretary and later as chairman. The gift was subscribed to by all member companies in the Association, most of whom were represented at the luncheon.

Statutory Committee

A RESUMED INQUIRY

THE Statutory Committee of the Pharmaceutical Society is meeting at 17 Bloomsbury Square, London, W.C.1, at Bloomsbury Square, London, W.C.1, at 3 p.m., on June 8, to resume the inquiry adjourned from May 6, 1953 (see C. & D., May 23, 1953, p. 510), and further from June 2, 1954 (see C. & D., July 10, 1954, p. 28), following a conviction under the Larceny Act, 1916.

National Insurance

PART-TIME EMPLOYMENT REVIEW

THE Minister of Pensions and National Insurance has asked the National Insurance Advisory Committee to review the classification of persons engaged in part-time employment and the liability for contributions in respect of such employment; representations on the question should be made in writing to the secretary, National Insurance Advisory Committee, 10 John Adam Street, London, W.C.2, before August 10.

IRISH NEWS

Westmeath Federation

VISITORS FROM DUBLIN

MR. Henry A. Naylor, M.P.S.I., was in the chair at a meeting of the Westmeath Pharmaceutical Federation held meath Pharmaceutical Federation held in Athlone, co. Westmeath, on May 12. Messrs. M. Costello (president, Phar-maceutical Society of Ireland), H. P. Corrigan (treasurer), James G. Cole-man (registrar) and Brendan Smith (secretary, Irish Drug Association) were present. The main object of the meeting to was revive the legal assomeeting to was revive the local asso-ciation for Westmeath chemists, which had not met for some time. MR. Cos-TELLO addressed the meeting on the various matters with which the Society was concerned including the proposed Pharmacy Bill, and the appointment of an inspector to deal with infringements of the Poisons and Pharmacy Acts by Naylor was elected Chairman, Mr. T. A. Dolan, Moate, Vice-chairman, Mr. Seamus Fox, Honorary Secretary, and Dr. H. M. Weir, Mullingar, Treasurer.

Cork Chemists

NEW ASSOCIATION FORMED

AT a meeting of Cork chemists held on May 19 it was unanimously resolved to dissolve the existing Cork and District Chemists' Association, and to form a new Cork and County Chemists' Association. It was agreed that all the funds standing to the credit of the former Association should be transferred to the new body. The following officers were elected: Chairman, Mr. J. G. Duffy; Vice-chairman, Mr. E. P. Kenny; Honorary Secretary, Mr. Jeremiah Carroll; Treasurer, Mr. D. M. Fleming. A Committee was also elected consisting of members from Cork city and such centres in the county as wished to be represented. Miss Shiela Barry, Ph.C.I., was appointed a parttime salaried secretary of the new Association. Mr. Brendan R. Smith (secretary, Irish Drug Association) was present at the meeting on behalf of the I.D.A.

Irish Drug Association

NEW MEMBERS ELECTED

THE following have been elected members of the Irish Drug Association: Messrs. James Connell, Ph.C.I., Market Street, Monaghan; P. J. Monsell, Ph.C.I., State Cinema Buildings, Phibsboro, Dublin; W. O'Dwyer, O'Dwyer's Medical Hall, Ennistymon, co. Clare; and Miss E. Burke, Ph.C.I., 7 Laurence Street, Drogheda, co. Louth.

Appeal to Supreme Court IRISH SOCIETY'S DECISION

a special meeting of the Council of the Pharmaceutical Society of Ire-land held in Dublin on May 17, at which the Society's legal advisers were present, it was decided to appeal to the Supreme Court from the Order of the High Court disallowing cause in the prohibition motion sought by the Society against the Fair Trade Commission (see C. & D., April 9, p. 387).

CHEMICAL TRADERS' ANNUAL MEETINGS

Luncheon speeches reflect bright outlook for chemical exports

THE thirty-second annual meeting of the British Chemical and Dyestuffs Traders' Association was held in London on May 17, the chairman (Brigadier C. Norton Stafford, C.B.E., T.D.) presiding. Presenting the annual report THE CHAIRMAN referred to the useful work performed during the previous twelve months and to the good relationship the Association had always maintained with Government departments.

Extracts from Report

The following are extracts from the report:-

The period under review witnessed a marked expansion in trade. Movement of all forms of chemicals to the home consuming industries was, in total, probably greater than in any pre-vious year. The export of chemicals through merchants also expanded, and a valuable entrepôt trade, in which in pre-war years merchants excelled, is being redeveloped.

World trade continues to be impeded by currency regulations, quotas and tariff barriers. Protection against foreign competition must progressively reduce the movement of goods between countries, and the renewal of the General Agreement of Tariffs and Trade is welcomed by the Association as setting a limit upon rising tariffs

for a further period. The Association continues to press for the Key Industry Duty to be modified and brought within the framework of the Import Duties Act. Recently it has been necessary to draw attention to the practical difficulties that arise for both users and importers under the present system for granting exemption from Key Industry Duty. An oppor-tunity to bring about the change the Association advocates would be provided by the introduction, in due course, of the new Customs Tariff nomenclature.

The negotiations conducted from time to time by the Board of Trade with other countries for wider trade and payments arrangements have been notified in advance to members, and their comments invited for submission to the United Kingdom representatives. The Association has also drawn attention to the need for removing unnecessary regulations that hinder trade (for example, foreign official procedure requiring payment for British exports to be effected by a Letter of Guarantee).

The London Dock Strike caused many cargoes destined for London to be diverted and created problems for merchants. At the outset the Association sought and received the assurance of H.M. Customs that, subject to safe-guards, the additional charges inguards, the additional charges in-curred by importers for bringing goods to United Kingdom ports would not be assessed for duty purposes.

The Association was represented at an exploratory conference held in Bad Godesberg to discuss the possible formation of a Federation of European Chemical Merchants' Organisa-

tions, but the Council is of opinion that the interests of the British chemi-cal merchants would not require the Association to take an active part in the movement as at present envisaged.

The following officers were elected:—President: Mr. G. S. Bache; Vice-president: Mr. C. W. Lovegrove; Chairman: Mr. C. F. V. Blagden; Vice-chairman: Mr. H. R. Peters; Treasurer: Mr. Ian D. Orr, A.M.I.M.M.; Executive Constitution of the Constituti tive Council: Messrs. L. S. Heskins (R. W. Greeff & Co., Ltd.), and L. A. Quick (Langley-Smith & Co., Ltd.), Brigadier C. Norton Stafford, C.B.E., T.D. (C. Tennant, Sons & Co., Ltd.), Messrs. C. H. Wilson (Cole & Wilson, Ltd.) and K. Williams, F.C.I.S. (K. W. Chemicals, Ltd).

At the annual luncheon held the same day, the principal speaker was

SIR THOMAS WHITE (High Commissioner for Australia), who said that British chemical-industry organisations should seriously consider setting up in Australia, Britain's best customer. He gave figures to show the great growth of trade to that country and spirited out that Parish and and pointed out that British goods were given a preferential welcome there.

Mr. G. S. BACHE (president of the Association) said that chemical exports from Britain in January 1955 were £8:4 millions greater than in the same period of 1954, and in that result chemical merchants and distributors had played no small part. Members of the Association appeared to be heading for a period of prosperity, but must pivot their attention on the need for a live organisation.

HEALTH SERVICES IN NORTHERN IRELAND Greater parliamentary control advised

A COMMITTEE appointed a year ago (see C. & D., May 29, 1954, p. 542) to inquire into the working of the Health Service in Northern Ireland issued its report on May 10.

It advocates greater parliamentary control of the statutory bodies operating the Health Services in Northern Ireland and recommends that the Hospitals Authority, the General Health Services Board and the Tuberculosis Authority should become agents of the Ministry of Health and Local Government.

The report commends the Health Board's efforts to reduce prescribing costs, describing it as "generally correct in its approach," and adding that "when the statistics clearly point to over-prescribing by individual doctors, and persuasion is ineffective, disciplinary measures should be invoked."

The committee consideration

The committee considers that the Hospitals Authority's relationship with the Ministry is anomalous and should be changed; that its internal administration is cumbrous and capable of improvement; that, while its intentions have been admirable, it has in some respects failed to secure the full co-operation of Hospital Management Committees; and that the system of administration of hospitals should be altered in some respects. The committee recommends that the number of members of the Authority should be reduced to twenty, or at the most twenty-four. Not more than one-quarter of the members, excluding the chairman and vice-chairman, should be doctors or dentists. At present they form "too high a proportion of members." The term of office of members of the Authority should be reduced from five to three years, and a system of retirement by rotation should be introduced. An attempt should be made to broaden the basis of membership of the Hospitals Authority and Manage-ment Committees. The Authority has too many committees and subcommit-

tees and their number should be substantially reduced. The grouping of hospitals should be considered with a view to reducing the number of management committees. There should be more frequent consultation between the Authority and Management Committees. To relieve pressure on the Royal Victoria Hospital, priority should be given to the provision of an out-patient department at the City Hospital. To afford immediate relief Hospital. To afford immediate relief to the Royal Victoria Hospital, twenty-five to forty beds are needed elsewhere. The possibility should not be overlooked of utilising the resources of the Mater Hospital (not in the Service) among others.

The majority of the members of the Tuberculosis Authority should be appointed by the Minister and not as at present by local authorities, and a system of retirement of members by

system of retirement of members by rotation should be introduced. The functions of the Tuberculosis Authority in providing hospital services might be transferred to the Hospitals Authority within a period of, say, five years.

Health Board

The term of office of members of the General Health Services Board should be reduced from five to three years and one-third of the members should retire each year. The commit-tee suggests that with twenty-six members the Board is larger than necessary. A larger proportion of the Board than at present should consist of lay members. It is recommended that the Board should take over the adminis-tration of supplementary eye services from the Hospitals Authority. Although it saw nothing to suggest a need for the radical overhaul of methods," the committee recommends that there should be a detailed review of the Board's establishment and methods of administration.

The committee's terms of reference excluded matters pertaining to the financial structure of the Health Services and that were common to Northern Ireland and Great Britain.

NEWS IN BRIEF

SCOTLAND'S first glucose factory was opened on May 9 at the works of Brown & Polson, Ltd., Paisley.

THE half-yearly court of governors of the Commercial Travellers' Benevolent Institution is being held at the Berners Hotel, Berners Street, London, W.1, on June 18.

TOTAL attendance at the Photo Fair, London, from May 16 to 21 (see C. & D., May 21, p. 554) was 70,174, peak day being the closing day (Saturday) with 17,205 visitors.

THE Common Cold Research Unit at Harvard Hospital, nr. Salisbury, seeks volunteers, particularly for the trials May 31-June 10. There are also a few vacancies for trials in the second half of June, in July, and from September 6 onwards.

At the recent annual meeting of the Institute of Packaging, Mr. H. Jefford (a director of Wm. Gosling & Son, Ltd., Birmingham) was elected Chairman; and Mr. James Morris (manager, adhesives department, Samuel Jones & Co., Ltd.), Vice-chairman.

IPSWICH Industrial Co-operative Society, Ltd., has forwarded to the Co-operative Congress agenda committee proposals that in view of the restriction of the movement's pharmacy trade by the dearth of qualified chemists the education executive should ascertain the cost of training suitable students in its own college, or other colleges.

THE East Africa High Commission has appointed a Commission under the chairmanship of Sir Francis Mudie, K.C.S.I., K.C.I.E., O.B.E., to review the present operations of the desert locust control organisation with particular reference to expenditure on locust control work, and to review the arrangements for financial control and accounting methods of the organisation.

SPORT

Golf.—London Chemists' Golfing Society, at Hendon golf club recently. Competitions for the Kerfoot trophy, Aspro rose bowl and Hepburn shield. Kerfoot trophy won by E. G. Nice with 73 net (handicap 11); J. A. Evans won the Hepburn shield, 73 net (handicap 21); Aspro Rose bowl won by A. H. Newcombe (handicap 4), 2 down on bogey. Leading scorers were: E. G. Nice, 73 net; J. A. Evans, 73 net; D. Carter, 76 net; and W. N. Cockburn, 77 net.

Carter, 16 net; and W. N. Cockoulin, 17 net.

Scottish Chemists' Golf Association, at Gleneagles on May 18, Travellers' trophy, A. Gilmour, J. McLean, J. Finlay; Gibbs zone prizes, zone 2, W. G. Robb, A. Gilmour, A. B. Hawkins, J. B. McCaig; runners-up, zone 3, A. Robertson, Tom Mackie, A. Carnegie, J. McLean; scratch prize, K. McKenzie, F. Adamson; John Greig bogey prize, L. B. Dunn; Asket Stableford, W. B. Martin, R. Lindsay; Ucal, A. Carnegie, J. Robertson; Johnson & Johnson veterans' cup, A. Robertson; Wholesale houses trophy, G. F. Stewart, J. Drysdale; Cox's silver salver, W. G. Robb, A. B. Hawkins, Tom Mackie, W. Daw; bogey prize, Queen, W. McKay; handicaps of eighteen and over, J. W. Gough, R. Gillesp'e, 165 players took part, Mr. R. Baird (general sales manager, D. & W. Gibbs, Ltd.), pre-ented the prizes.

ABOUT forty of their customers were entertained by Henry Sykes & Son (Chemists), Ltd., Huddersfield, to an afternoon's golf at Woodsome Hall on May 18 when the Richard Sykes memorial trophy was won by Mr. J. R. Ireland, M.P.S., Slaithwaite, and a tankard by the runnerup, Mr. S. R. Binns, M.P.S., Sowerby Bridge.

TOPICAL REFLECTIONS

By Xrayser

The Apprentice or Student

Though it has been known for years that the entry into pharmacy, so far as practical training is concerned, has been increasingly through the channels of one of the corporate bodies, it is only now that the ultimate effect of this tendency is being fully recognised. Warnings have been given by individuals, but many proprietor pharmacists have not grasped the implications of the trend. It was with interest that I read of the concern of the N.P.U. and of its expression by members at the area conference on May 15 (p. 558). I have already made reference to the subject when commenting on your recent series of articles dealing with education and man-power, and on that occasion I drew attention to the inducements that could be offered by the multiple concern in continuity of employment and career prospects. We must face it that an ambitious youngster will be attracted by conditions which offer promotion to high executive posts. It may not be only the unwillingness of the private chemist to take apprentices which is bringing about the present disturbing situation, though that is undoubtedly contributory. The shift in emphasis in the Society's educational policy, resulting, in the case of the diploma, in academic training equivalent in time and scope to some degree examinations, inevitably leads the student to an early appraisement of his future career. Apprenticeship as we knew it, no matter how good, was mainly an acquiring of the necessary manipulative skill, together with the absorption of much knowledge in the practical field, which could be brought up to examination standards during one or two years at college. Now, to a large extent, we are dealing with "graduates" who are thinking of a career. The old apprentice looked no further than the examination. Today's trainee regards that as only the first rung of the ladder towards the executive and administrative heights.

Private Ownership

The N.P.U. are not alone in their concern on the subject of apprenticeship. Glasgow has been debating the question at a meeting taken part in by students of the Technical College, and Professor Todd (chairman of the British Pharmaceutical Conference), said that the multiples were sufficiently far-sighted to see that, if they did not take apprentices, they would have no assistants in a few years. It seemed to him that the retail pharmacist had completely ignored that aspect. But are there no other factors at work? Is there a danger that the apprentice question may blind us to equally potent influences? I have looked through columns of advertisements in the pharmaceutical Press which prove that there is a man-power problem. Almost without exception the posts offered are for managers and assistants as such. The graduate may feel that such employment, while initially attractive financially, offers no promise for the future. If there is no hereditary succession in sight, more might be done to help assistants to a share in the business, with a view to ultimate ownership. Unless some such provision is made, the newly-qualified pharmacist is faced only with the choice of selling his qualification in what appears to him to be the best market. Apprenticeship is only part of the problem.

Wood Sorrel

Historically and artistically your May 21 issue must appeal to the connoisseur. The beautifully illustrated article on seventeenth-century drug jars is suitably supplemented by the address on the history of the mortar, given to a branch meeting in Edinburgh recently. The elegant specimen of a Lambeth syrup pot (p. 566) for syrup lujulæ indicates the long life wood sorrel had in medicine. In the early nineteenth century, in addition to its anti-scorbutic virtues, it was stated to be effective, when well bruised, for application to old sores and ulcers. The seeds were recognised as an astringent, and the root, when dried and powdered, was recommended against purgings and bleedings.

DEATHS

BANKS. — At Richmond House, Wick, Caithness, on May 17, Mr. George Banks, M.P.S., aged eighty. Mr. Banks was in business at 29 Bridge Street, Wick.

COPE.—On April 30, Mr. Edward James Cope, M.P.S., 16 Woodway Crescent, Harrow, Middlesex, aged eighty-eight.

COSTELLO.—At his home, 34 Upper Drumcondra Road, Dublin, on May 18, Mr. John Costello, M.P.S.I. Mr. Costello qualified as a pharmaceutical chemist in Ireland in 1948. He was a son of the late Mr. Tim Costello (a former treasurer of the pharmaceutical Society of Ireland), and a cousin of Mr. Michael Costello (president of the Society). He had been conducting one of the family pharmacies at Upper Drumcondra Road for several years. He was a member of the Benevolent Fund Dance Committee. He was also a member of the pharmacy conference of the St. Vincent de Paul Society. A large and representative gathering of Dublin pharmacists was present at the funeral. It included the president of the Pharmaceutical Society and many members of Council, and representatives of the Irish Drug Association and Benevolent Fund Dance Committee.

COVE.—On May 14, Mr. Ernest W. Cove. Mr. Cove was managing director of E. F. Langdale, Ltd.

COWARD.—On May 10, Mr. Gordon Coward, M.P.S., 453 Caledonian Road, London, N.7, aged fifty-eight.

DAVIES. — At Birdsgrove House, Mayfield, nr. Ashbourne, Derbys, on May 18, Mr. Richard Thomas Davies, M.P.S., 249 Edgwarebury Lane, Edgware, Middlesex, aged fifty-six. Mr. Davies was formerly in business at 37 Raydon Street, London, N.19.

DICKINSON. — Recently, Mr. Robert James Dickinson, M.P.S., 2 Grove Road, Broughty Ferry, Dundee, Angus. Mr. Dickinson qualified in

FLOWER. — On May 8, Mr. John Scott Flower, M.P.S., 786 London Road, North Cheam, Surrey, aged eighty-one. Mr. Flower was for many years in business in Scarborough. He retired about ten years ago and had been acting as part-time assistant to Mr. C. Whitfield, M.P.S., 14 Broadway, Stoneleigh, Surrey.

GANT. — On May 9, Mr. Stanley Herbert Gant, M.P.S., 78 School Green Lane, Fulwood, Sheffield, 10, aged forty-nine. From 1927 to 1939 Mr. Gant was a member of the staff of the pharmaceutical department of Guy's Hospital, London. Subsequently he joined the staff of Burdall's, Ltd., manufacturing chemists, Sheffield.

GRIMSHAW.—On May 7, Mr. Oliver Grimshaw, M.P.S., 94 Wells Road, Bristol, aged thirty-eight.

HIRSHOWITZ.—On December 31, 1954, Mr. Jack Fred Hirshowitz, M.P.S., 12 Charlton Court, Charlton Terrace, Doornfontein, Johannesburg, South Africa. Mr. Hirshowitz was registered in 1952 in pursuance of section 11 of the Medical Practitioners and Pharmacists Act, 1947. HUGGETT.—On April 28, Mr. Thomas Henderson Huggett, M.P.S., 1 Rydon Lane, Countess Wear, nr. Exeter, Devon, aged seventy-six.

SALE. — On May 3, Mr. Harold Robert Sale, M.P.S., 21 Cambridge Road, New Malden, Surrey, aged fifty-

STERN.—On May 2, suddenly, Dr. R. Stern, aged seventy-three. Dr. Stern was technical chemist with M. W. Hardy & Co. (Mercantile), Ltd., London, E.C.2. He joined the company in 1947.

A Colleague writes: Dr. Stern's cheerful disposition and vast knowledge of the chemical industry will be sadly missed by his wide circle of business friends and associates in Britain and overseas.

PERSONALITIES



Robert Mr. Cowie. Aberdeen. who is a candidate in the forthcoming election to the Executive of the Scottish Department of the Pharmaceutical Society, Mr. Cowie's biographical details were given in the C. & D., May 21, p. 557.

MR. A. G. MERVYN MADGE (secretary of the Plymouth Branch of the Pharmaceutical Society) has been elected chairman of the pharmaceutical education advisory committee to the local council.

MISS E. M. C. LOWE, M.P.S. (chief pharmacist, Gloucestershire Royal Hospital), was presented to the Queen and the Duke of Edinburgh when they visited the hospital on May 3 in connection with the 800th anniversary of the granting of Gloucester's charter by Henry II.

MR. D. W. PAYN, T.D., Barristerat-Law (assistant secretary to the Pro-

prietary Articles Association), has been admitted Associate the Corpora-tion of Sec-r e t a r i e s (A.C.C.S.). ALDER MAN LEWIS C H AMBERS,



M.P.S., Halifax, who is retiring from Halifax town

Trade

a n

of

council in May, qualified as a chemist and druggist in 1909. He has been in business in Hali-fax since 1911. He became a member of the town council in 1927 and eleven years later was elected an alderman. He served as mayor, 1944-45. He was chairman of the council's health committee for twenty years. After forty years' service in the St. John Ambulance movement, he was in 1940 made a serving brother of the Order. MR. A. W. RITCHIE, M.P.S., Montrose, who recently retired after fortyseven years in business in that town, took an active part in pharmaceutical affairs for over forty years. He was for thirty years secretary of Angus County Pharmaceutical Committee and for fifteen years a member of the Pharmaceutical Standing Committee (Scotland). For two years he was a member of the North British Executive (now the Scottish Department) of the Pharmaceutical Society. Mr. the Pharmaceutical Society. Mr. Ritchie served on Montrose town council for fourteen years, was provost and chief magistrate for three years, a justice of the peace for Angus county and for many years an active member of Angus county council. He still holds several honorary offices. He will be residing at Peel Place, Montrose.

MR. H. M. LIGHTFOOT, chief of Nicholas Proprietary, Ltd., Australia, is in England to discuss the extensive re-



search programme which the Australian company and the Aspro group of companies in England have embarked upon. In Australia a Nicholas Research Institute has been established that will work closely with both Melbourne and Sydney Universities and with a research institute that is being established in this country.

BUSINESS CHANGES

THE offices of Sandoz Products (Ireland), Ltd., are being transferred to 13 St. Clare's Avenue, Harold's Cross, Dublin, Irish Republic (telephone: Dublin 93663).

THE central pharmacy of the Plymouth Co-operative Society has been transferred to Raleigh Street. A branch pharmacy is being opened at 37 Crownhill Road, Plymouth, on May 31.

THE telephone number of William Ransom & Son, Ltd., Hitchin, is being changed to Hitchin 4575 on June 1.

OVERSEAS VISIT

MR. WALTER BECK (managing director, Delavelle, Ltd.), is leaving London for Grasse on June 17 for a two weeks' stay during which he is visiting rose and jasmine growers in the area.

LEGAL REPORT

Submission to Injunctions

On a motion by Maria Hornes, Ltd., Davies Street, London, W.1, in the Chancery Division, London, on May 24, French & Scott, Ltd., Curzon Place, W.1, submitted to injunctions restraining them from infringing the plaintiffs' registered trade mark Egosyl and from passing off, as and for the plaintiffs' goods, hair shampoos by advertising or selling them under the mark Ego or any mark calculated to deceive. Counsel for plaintiffs said they carried on a well-known establishment for the enhancement of feminine physical charm. Among the preparations they sold were toilet preparations for which they had a registered trade mark Egosyl. Defendants had recently put on the market a hair shampoo under the mark Ego, which plaintiffs claimed was an infringement of their trade mark and constituted "passing As the defendants declined to withdraw their mark, the plaintiffs issued a writ. Now the defendants wished to make an end of the proceedings, and it had been agreed that the motion should be treated as the trial of the action, the defendants submitting to the injunctions claimed and to an inquiry as to damages or to an account of profits, and paying costs. Defendants, in consenting to the order, said that, so far as they knew, plaintiffs had not yet manufactured a hair shampoo under their trade mark. The injunctions would not apply to an advertisement that was about to appear in a well-known magazine as it had been too late to stop the adver-tisement. Mr. Justice Vaisey approved the order agreed by the parties.

COMPANY NEWS

Previous year's figures in parentheses

TAYLORS DRUG CO., LTD.—Group profit, fifty-two weeks to January 1, is £230,956 (fifty-three weeks to January 2, 1954, £231,589). Taxation, £101,966 (£114,775); net profit, £128,990 (£116,814).

TAYLORS (CASH CHEMISTS) LONDON, LTD. — Profit, fifty-two weeks to January 1, is £143,022 (fifty-three weeks to January 2, 1954, £162,283); taxation, £63,811 (£83,314); net profit, £79,211 (£78,969).

TAYLORS (CASH CHEMISTS) MIDLAND, LTD. — Profit, fifty-two weeks to January 1, is £135,789 (fifty-three weeks to January 2, 1954, £128,338); less taxation, £64,511 (£64,203); net profit, £71,278 (£64,135).

TAYLORS (CASH CHEMISTS), TRUST, LTD. — Group profit, fifty-two weeks to January 1, is £389,026 (fifty-three weeks to January 2, 1954, £372,249); taxation, £177,361 (£184,825); net profit, £211,665 (£187,424).

R. HOVENDEN & SONS, LTD.—Subject to audit the group profit for 1954 after all charges except taxation is £40,498 (£30,494, fifty-three weeks); U.K. taxation, £18,587 (£14,024); group profit of period after all charges, £21,911 (£16,470).

TIMOTHY WHITES & TAYLORS, LTD. — According to preliminary statement for the year to January 1, group trading profit, etc., is £1,413,681 (£1,373,558; equated to fifty-two weeks=£1,347,642); taxation, £605,435 (£654,994); group net profit, £503,012 (£432,547). Dividend on ordinary capital is 30 per cent. (same).

BOOTS PURE DRUG CO., LTD.—Permission of the Capital Issues Committee has been received to issue 20,480,000 ordinary shares of 5s. each on a one-for-one basis. It is proposed to do this by capitalising a total sum of £5,120,000 made up of £2,817,896 standing to the credit of the share premium account, £1,000,000 standing to the credit of the works development and contingencies account, and £1,302,104 out of the general reserve account. To enable this to be done it is proposed to increase the authorised capital of the company to £15,000,000.

REICHHOLD CHEMICALS, LTD.

—In his statement with the 1954 accounts, the chairman (Mr. W. H. Breuer) states that in order to reduce manufacturing costs and to meet rising competition, manufacture of basic raw materials will be developed

wherever possible. It has therefore been decided to erect a plant for the manufacture of phthalic anhydride, an essential raw material at present being purchased by the company in large quantities. Production, it is hoped, will start in the early part of 1956, and should result in a substantial saving of the cost of that material. The group net profit rose from £85,775 to £179,850 and the total distribution was $22\frac{1}{2}$ per cent. ($13\frac{1}{2}$ per cent.).

New Companies
P.C. = Private Company; R.O. = Registered Office.

CULVERWELL (FLEETWOOD), LTD. (P.C.).—Capital £500. To carry on the business of retailers and wholesalers of perfumes, essences, soaps, ointments, etc. Directors: Frances M. Lofthouse and Doreen W. Lofthouse. R.O.: 103 Lord Street, Fleetwood, Lancs.

ULSTER'S VETERINARY SUPPLY CO., LTD. (P.C.).—Registered in Belfast. Capital £10,000. To acquire the business of manufacturing, importing and merchanting of veterinary supplies and equipment. Subscribers: John N. Goodwin and Jas. F. J. Cullen. R.O.: Portadown.

IMPERIAL CHEMICAL INDUSTRIES, LTD.

Chairman replies to nationalisation proposals

DR. Alexander Fleck (chairman, Imperial Chemical Industries, Ltd.), speaking in London recently on the com-pany's report for 1954 and of the threat contained in the Labour Party's manifesto to nationalise certain sections of the chemical industry, said that those who advocated the cutting up or arbitrary change of such an efficient and complex industry must be unaware of the problems involved and the damage which could result. There were six main aspects which called for special comment: ACCOUNTABILITY: -The chemical industry had been accused of being under tight monopoly control by private interests. I.C.I. represented only about one-third of the industry on the basis of numbers employed and the great bulk of its products, both in number and value, were in direct competition with those of other organisations at home and abroad. The selling price of I.C.I. products in the U.K. had risen on average by only 91 per cent, since 1938, compared with a rise of 225 per cent. in the Wholesale Prices Indexand that in spite of a rise in the average cost to I.C.I. of its raw materials of 272 per cent.

The average total earnings of I.C.I. employees had risen by about 200 per cent. since 1938 while the gross return to stockholders had risen by 150 per cent.

PRODUCTIVE EFFICIENCY. — I.C.I.'s volume of production had been approximately doubled since 1946, with an increase of only some 17 per cent. in personnel.

SIZE.—It was in large measure because of the scale of operations, which were highly complex and in many cases inter-connected, that high efficiency had been achieved.

INVESTMENT AND PROGRESS. — From 1945 to the end of 1954, I.C.I. had

spent £190 millions on new construction and modernisation. All had been carried out with the full knowledge of the relevant Government departments. I.C.I. had 228,000 stockholders, now

I.C.I. had 228,000 stockholders, now to be increased to over 300,000 by the employees who come under the profitsharing scheme. Much of the new money had come from pension funds, insurance companies and other institutions, representing the savings of many millions of people throughout the country.

EXPORTS.—These had risen from £26 millions in 1946 to £67.5 millions in 1954. I.C.I. had manufacturing interests in every continent and in some twenty countries. The total turnover of its overseas subsidiary and associated companies was now comparable with its home sales.

"Nationalisation in whole or in part," Dr. Fleck emphasised, "would inevitably have a most adverse effect on such overseas operations, which, if they are to remain stable and prosperous, should be kept free from the internal politics of this country."

EMPLOYEE RELATIONS. — Improvement of personnel relations could not be a valid reason for bringing I.C.I. within any scheme of nationalisation. I.C.I. had pension and profit-sharing schemes; no fewer than 43,000 of its factory payroll workers had their wages guaranteed for six months in the event of sickness or accident.

The report gives the physical fixed assets of the group at £305 millions in the 1954 year-end balance-sheet, an expansion of some £41 millions over the 1953 figure. Total group assets increased by over £84 millions to £523.5 millions.

Expenditure by the company on its construction programme amounted to £34 millions in the year. For accounts see C. & D., May 7, p. 498.

NEW PRODUCTS AND PACKS

Senna Compound Pastilles.—Sudex compound senna laxative pastilles are being advertised to the public by the manufacturers, Eucryl, Ltd., 7 Oakley Road, Southampton, as a natural laxative taken as easily and as pleasantly as a sweet.

One Range for All Skin Types.— Steiner, Ltd., 66 Grosvenor Street, London, W.1, are offering four skin products each of which is claimed, by what the makers call "controlled



absorption," to suit dry, greasy, fine or rough skins. The products are Creamy Way cleansing cream; Face to Face conditioning cream; Refresh skin tonic; and Milky Way cleansing milk.

Twenty-tablet Pack in Redesigned Carton. — William R. Warner & Co., Ltd., Power Road, London, W.4, announce the introduction of a 20-tablet pack of Gelusil tablets in a new, freshly designed, eye-catching carton containing five tear-away strips of four



tablets each. An introductory offer allows twelve Gelusil charged as eleven or thirty-six Gelusil charged as thirty, or multiples of the larger parcel, on all orders for Gelusil 20's received up to June 30.

Pocket Pack.—Cellucotton Products, Ltd., have introduced a pocket pack of twenty-four regular-size Kleenex tissues. The pack is wrapped in transparent tissue with zip-open strip in self-display carton of one doz.

Solid Cologne in "Lipstick" Pack.—Coty (England), Ltd., 3 Stratford Place, London, W.1, are issuing their per-

fumed solid Cologne in an entirely new and exclusive Twistick presentation (it twists up like a lipstick). The advantages are absence of evaporation, longer life, avoidance of foil, etc.

Multi-purpose Soapless Detergent.— Kumar (London), Ltd., 91 Belmont Hill, London, S.E.13, have launched a new product Kumafome — a soapless detergent containing a sequestering agent and deodoriser. The function of the sequestering agent is to ensure that the detergent action is not impaired in hard water.

A New Strength.—Distillers Co. (Biochemicals), Ltd., Fleming Road, Speke, Liverpool, 19, announce the issue of Streptaquaine 1 in 3 (330,000 units per mil) in box of five vials each containing the equivalent of 1 gm. and ten vials each containing the equivalent of 5 gm. The distributors are Allen & Hanburys, Ltd., The British Drug Houses, Ltd., Burroughs Wellcome & Co., Imperial Chemical (Pharmaceuticals), Ltd., and Pharmaceutical Specialities (May & Baker, Ltd.).

Intravenous Pyelographic Agent.— Bayer Products, Ltd., Neville House, Eden Street, Kingston-on-Thames, Surrey, have introduced under the name Hypaque a new intravenous pyelographic agent, sodium diacetamidotriodobenzoate. In experimental animals the compound is half as toxic as diodone and contains 20 per cent, more iodine. Clinical experience indicates that it causes fewer side-effects and produces denser pictures than have been available hitherto. Hypaque is supplied in boxes of five 20-c.c. ampoules. Overseas it is sold by Winthrop Products, Ltd.

Household Insecticide with Dieldrin.—Shell Chemicals, Ltd., 105 Strand, London, W.C.2, announce the issue of a new Shelltox dual-purpose spray, described as the only household insecticide containing dieldrin. Dieldrin has some eight times the insecticidal efficiency of materials hitherto used in domestic sprays. Dual-purpose Shelltox gives a "knock-down" and certain kill like other fly sprays, but in addition it is a really effective residual spray. With one application it is possible to make walls, ceilings and other surfaces lethal to insects for periods of up to twelve weeks. Thus for the first time a domestic insecticide spray can be effectively used before the pests appear. The new Shelltox is distributed by The British Drug Houses, Ltd., Graham Street, City Road, London, N.1. It is available in 8-oz. and 128-oz. tins.

TRADE NOTES

Holiday Offer. — Supplies to fill a holiday offer of Lux toilet soap by the manufacturers, Lever Bros., Ltd., Port Sunlight (two tablets at a reduction of 7½d. from twice the single price) are limited.

Emulsifying-wax Range. — Glovers (Chemicals), Ltd., Wortley Low Mills, Wortley, Leeds, 12, offer a series of non-ionic and anionic emulsifying-wax specialities, bactericides for antiseptic cleansing, etc.

Change of Title. — Allen & Hanburys, Ltd., Bethnal Green, London, E.2, announce that their penicillin for eye-drops is now being issued under the title buffered penicillin solution-tablets, N.F. Prices are unchanged.

Larger-strength Tablets.—From May 23, Riker Laboratories, Ltd., Morley Street, Loughborough, Leics, are marketing Serpiloid brand reserpine tablets in strengths of 1, 3 and 5 mgm. in addition to the 0-25-mgm. and

0.5-mgm. tablets already available. The tablets will be mainly used in psychiatry to facilitate the larger doses necessary for ensuring the full effectiveness of reserpine is realised.

Display Baskets. — Collapsible wire display baskets in royal blue and yellow for Andrex toilet tissues are available free to stockists through wholesalers or from the manufacturers, St. Andrew Mills, Ltd., London, E.17. Each stand when open measures 41 in. high x 16 in. x 18 in.; when folded flat, 41 in. x 18 in. See opposite page.

Eye Cosmetics.—From June 1 supplies of Ricil's cosmetique pour cils (mascara) are becoming available through Crème Simon (Distributors). Ltd., 31A Bedford Street, Strand, London, W.C.2. An eye shadow, eyelash cream and eyebrow pencils are included in the range. Messrs. Crème Simon are also distributing Revillon perfumes.



DISPLAY SUCCESS:
The window display
illustrated won for
Sheldons (Chemists),
Ltd., Southport, Lancs,
the second prize in an
Easter competition open
to shopkeepers in the
town and held in
honour of the Queen's
visit to Southport,

Daily Deliveries in Middlesex.—To their customers in the Middlesex area Martin Brent, Ltd., Beresford Avenue, Wembley, offer a daily telephone and delivery service in drugs, "patents," "ethicals," cosmetics and sundries.

Exclusive Overseas Distributors.— Eric C. Cleaver, Ltd., Pilcher Gate, Nottingham, have been appointed ex-



clusive overseas distributors for Byrom's Chick-Chick egg shampoo. The company also distribute the Denman brush and the Powdapact lipstick-size powder holder.

Agents For Swiss Pharmaceuticals.—Gale & Mount, Ltd., 37 Rothschild Road, London, W.4, state that their principals in Switzerland, Th. Muhlethaler, S.A., have been producing a limited number of pharmaceutical chemicals recently and are now in a position to export. Among the chemicals mentioned are choline citrate, bitartrate and hydrochloride, phenazone salicylate, ouabaine (strophanthin G) and strophanthin K. A price list is available from Messrs. Gale & Mount.

Film Library Additions.— The following films have been added to the film library of Imperial Chemical Industries, Ltd., Milbank, London, S.W.1: PANORAMA NO. 8 (catalogue No. G25. Running time nineteen minutes. 16-mm. Black and White). Mr. Philip Harvey (Plant Protection, Ltd., a subsidiary company), an expert on rose growing, gives advice on the best

method of propagating roses. The adoption and production from Terylene and Ardil of an I.C.I. tie is shown. Finally workers at Roslin, one of I.C.I.'s oldest works, are shown leaving the old factory for the last time because subsidence has rendered the building unsafe. Pandrama No. 9 (catalogue No. G26. Running time twenty minutes. 16-mm. Black and white). Shows the production at Grangemouth and Linlithgow of Saylon antiseptic, etc.

Steroid Compound as Anæsthetic.-The first successful use of a steroid compound as a surgical anæsthetic was reported at a meeting of the International College of Surgeons at Geneva, Switzerland, on May 26 by two pro-fessors of the University of California. The new compound, Viadril (21-hydroxypregnane-3,20-dione s o d i u m hemisuccinate) is unrelated to other anæsthetic agents and may foreshadow the opening of a whole new area of anæsthesiology. The two scientists were Drs. Gilbert S. Gordan, jun. (associate professor of medicine), and Frank J. Murphy (associate clinical professor of anæsthesia and chief anæsthetist), both at the University's School of Medicine, San Francisco. The Viadril was synthesised and developed by Chas. Pfizer & Co., Inc., Brooklyn, New York. Dr. Gordan used Viadril as an anæsthetic agent on man for the first time late in 1954 in a brain operation. Since that time it has been used with excellent results in more than 130 operations, involving twenty surgical procedures. Viadril is a steroid but has no hormonal activity. Dr. Murphy suggested that other steroid compounds might be found which would exhibit even more useful anæsthetic proper-The drug was found to achieve ties. best results when given intravenously as a basal anæsthetic followed by the administration of nitrous oxide. reported advantages over other basal anæsthetic agents are that it can be used with a greater margin of safety; produces a smoother anæsthesia with easier control of the patient during operation; diminishes reflexes of the nose and throat area, so that it is seldom necessary to administer a relaxant when a tube must be inserted into the windpipe; and is followed by faster and easier recovery of the patient. Its single reported shortcoming is that concentrated doses of the drug cause inflammation of the vein wall, and that can be overcome by administering Viadril diluted in glucose solution.



Wire display stand for Andrex toilet tissues recently made available by St. Andrew Mills, Ltd., London, E.17.

Holiday Closings

APART from normal Whitsun bank holiday closings the following arrangements have been notified in addition to those published last week.

SMITH & HILL (CHEMISTS), LTD., Matilda Street, Sheffield, 1. Closed Monday and Tuesday, May 30 and 31.

BIOREX LABORATORIES, LTD., 47 Exmouth Street, London, E.C.1. Saturday, May 28: Open 9 a.m. to 8 p.m. Sunday, May 29, and Monday, May 30: Open 10.30 a.m. to 12.30 p.m.







SUMMER-SEASON DISPLAY MATERIAL: Three items from a range of display items produced by Keen, Robinson & Co., Ltd., Norwich. The basket, left, draws attention to the glucose content of Robinson's orange, grapefruit and lemon squashes; the crowner, centre, was designed by the French artist André Françols; like the crowner, the arrow, right, may be used with either squash or barley-water bottles.

Branch Representatives Meet in London

APPROVAL GIVEN FOR DISCIPLINE AGAINST ROTA-BREAKERS, HIGHER BRANCH GRANTS, POST-GRADUATE TRAINING AND DIPLOMAS IN SURGICAL-APPLIANCE FITTING, ETC. DISAPPROVED: A "JINGLE OF IRONMONGERY" FOR VICE-PRESIDENT AND SECRETARIES.

GOOD debating and responsible voting were the keynotes of the meeting of Branch Representatives of the Pharma-ceutical Society held in London on May 19. Only one speaker had to be axed for overstepping his time and the "lunatic fringe" was not in evidence, either in the resolutions or at the microphone.

THE PRESIDENT (Mr. E. A. Brocklehurst) wasted little time in prelimi-naries, confining his opening remarks to only a few sentences after making Council members stand one by one and show themselves. Curious how even in those Jack-in-the-box movements characteristic differences showed up.

No Badge for Vice-president

The first motion on the agenda was one for whose priority its mover, Mr. S. J. HAMER, Dartford, praised the wisdom of the Council. A cynic would have said it had been placed first to get it quickly out of the way. The resolution called on the Council to consider issuing a sort of deputy-mayor's badge to its vice-president and secretaries. Mr. Humphreys, whose local association, the Liverpool Chemists' Association, had managed for over a century without even a badge over a century without even a badge for its president, thought that the "jangle of cheap jewellery" was becoming ludicrous. Mr. Brocklehurst gave the Council's view that badges other than for the president would detract from the dignity of the chief officer of the Society. The Section of the chief officer of the society. The Section of the chief officer of the society. RETARY, while claiming always to do as he was told by his employers, hinted that it would be straining loyalty too far to expect him to wear a badge. The motion was lost.

After the hors d'œuvres (overture would be too weighty a word for so quiet a jingle), the meeting passed to a matter of greater moment to a pro-fession alive to its responsibilities: the protection of children and others from poisoning by medicines that should never come into their hands. The subject has been discussed before, but no method free from objections has so far been found. Mr. T. DURKIN, Black-pool, thought his branch had found the answer. They had studied all ear-lier objections and tried to meet them with a label worded

THIS PREPARATION IS INTENDED FOR THE TREATMENT OF ONE PARTICULAR PATIENT. KEEP OUT OF REACH OF CHILDREN.

MR. Howells, Dartford, arguing "the less on the label the better," recalled being asked for Deffy Damps and eventually finding that they were cough sweets that had borne as a subsidiary label the words DEFY DAMP.

MR. C. E. TURNER, North Staffs, said that his Branch was interested in the

motion because it had had two resolutions accepted on the subject by previous Branch Representatives' meetings and by the Council, though no

concrete action had yet been found possible upon them. He had read in the report of a Council member's address at Liverpool that the Council had prepared a memorandum on the subject and that the British Medical Association had decided upon joint action with the Council. Mr. Turner asked whether some idea could be given to Branch Representatives of what was in that memorandum. He what was in that memorandum. He was doubtful how it could be decided when to use and when not to use a cautionary label. The drugs on which a cautionary label was used would have to be clearly defined.

At this point an amendment was moved to delete all words after "wording" and insert "All medicines "wording" and insert "All medicines should be kept out of the reach of children." The amendment was put by Mr. J. K. B. Callow, Bournemouth, on behalf of his Branch. He said that chemists could not pass on their responsibility to the Ministry. There was an opportunity for education at the was an opportunity for education at the counter, but if a label was helpful it should be used. "Our job," said Mr. Callow, "is to educate, not scare." That was why the wording in the amendment had been deliberately chosen. There was no need to use the

label on every occasion.

From the platform MR. F. W. ADAMS (registrar) said that the basis of the discussions between the Council and the B.M.A. had been to consider the subject in its widest aspects, and to decide what degree of responsibility rested on all concerned. taken a long time to work out, but they were now at the stage where something definite would emerge. As to labelling, the broad view was that any warning on a label should not be on the actual container but on the outer wrapper.

The amendment was lost.

A second amendment put by MR. A. J. C. Bull, Portsmouth, was to delete the words "This preparation is intended for the treatment of one particular patient and may prove harmful to others." The resultant wording, he said, was crisper and therefore better. Members must not expect a lot of notice to be taken of a lengthy discourse, but there would be value in repeated use of the words "Keep out of reach of children" as a slogan.

MR. E. A. LOCKER, Reading, said that one thing against warning labels was the alarm they caused: explanations to justomers were always an awkward matter.

The amendment was lost.

The third amendment, moved by MR. H. RICHARD, Romford, urged that the Pharmaceutical Society should press the Ministry of Health to educate the population to keep all medicines out of the reach of children. The profession, said Mr. Richard, was disturbed at the number of child fatalities from access to medicinal products; so many of the accidents could so easily have been revented. A more fundamental been prevented. A more fundamental approach was wanted than labels on

containers. containers. All who handed over medicines could "do their bit" verbally, but what was really needed was a The proper nation-wide campaign. the Ministry of Health.

MR. J. D. Mackenzie, Romford, seconding the amendment, said "Keep

the remedy simple."

MISS G. L. MURFIN, Lincoln, thought that much useful propaganda could be done by local authorities, and MR. A. LIVESLEY, Chesterfield, spoke of an "effective little bill" which he had obtained from the Ministry and exhibited in the shop: it illustrated a child reaching for a poisonous product in an open curboned. in an open cupboard.

At that point Mr. Adams said that, in his experience, the Ministry needed no pressing in the matter. The general responsibility was accepted by the Council, which would welcome the motion as amended. The resolution in

that form was carried.

Representatives' September Agendas

The next item was a resolution dealing with the machinery for deciding upon the agenda at the September meeting of Branch Representatives. The motion suggested that the subjects should be chosen at the May meeting from suggestions submitted by the responsible committee and by representa-North Staffs, moving it, said that it was suggested that the September meeting should be of a different character from the one held in May. His Branch considered that the subjects should have the widest appeal and should preferably be controversial. They should be made interesting enough to make worth while the long travel some representatives had to make to the Conference centre.

MR. K. HOLLAND, Romford, thought that the present arrangements were satisfactory. His Branch opposed the

resolution.

MR. BROCKLEHURST, from the chair, said that the Council considered that the suggested machinery would be difficult to operate because of the time factor, but was prepared to take advice at one September meeting on

the agenda to be adopted at the next.

MR. S. Bubb, Reading, made a plea
for more time to be allowed for the discussion of subjects on the agenda. At Oxford, he said, some representa-tives had come a long way without proper opportunity being given to them to speak. It would be deplorable if that happened at Aberdeen.

Mr. J. G. Dare, Leeds, said that his Branch had also been disappointed at the little opportunity given to members to speak at Oxford. He suggested that the papers to be read at the September Branch Representatives' meeting should be, like the science papers, circulated in advance. They could then be presented at the meeting in summarised form, giving opportunity for full discussion.

After Mr. Brocklehurst had said

that the Council would give an opportunity to branches to suggest subjects for discussion, the motion was lost.

Health Centre Dispensaries

Moving a resolution on behalf of Sheffield Branch deploring the lack of action upon a resolution passed at the May 1950 Branch Representatives' meeting (on the supervision, registra-tion and inspection of dispensaries in the alth centres) and demanding its implementation forthwith, Mr. H. J. Griffiths said that the most recent reference to the subject had been in

An amendment asking simply for the Council's explanation of its apparent inaction was moved by Mr. Holland, Romford. After it had been carried, MR. ADAMS explained why nothing seemed to have happened. Action, he was more difficult to secure than a new charter. If greater opportunity for action occurred in the future, the subject would have a high priority ject would have a high priority.

A resolution calling for a substantial increase in the capitation fee and/or an additional overall grant in respect an additional overall grant held was of every branch meeting held was held of Portsmouth moved on behalf of Portsmouth Branch by Mr. R. J. Berry, Mr. Berry declared that it was not possible to maintain a live branch on the present capitation fee. In Portsmouth they had had to introduce voluntary levies on members. The Society's accounts showed that there had been a sharp increase in travel and other expenses. Branch expenses had also increased.

Support for the resolution was forthcoming from MR. R. FISHER, Leeds, who said it should not be necessary for any branch treasurer to go cap-in-hand to its members; from Mr. D. Royce, Leeds; Mr. E. C. Maude, Bradford; and Mr. J. Fleming, Dudley and Stourbridge. Mr. H. R. NIGHTINGALE, Enfield, described how his small branch had managed by means of social events to keep solvent. The only help to small branches, he suggested, would be an increase in the overall grants.

As an amendment, MR. MACKENZIE, Romford Branch, called for an additional overall grant in respect of each branch meeting. That, he said, would be an incentive to a branch to become active. Moreover, if the cost of running a branch were fully provided for, donations for benevolence might be freer.

From the platform, Mr. GWILYM HUGHES (chairman of the Organisation Committee) said that, on the evidence of branch accounts, the Committee was constantly reviewing the amount of the branch grant. If there were evidence of a real demand for an increase, the Council would give the matter "very favourable consideration."

MR. M. PEEL, Huddersfield, said that his Branch had never been insolvent, yet for twenty years had had a meeting every month. They kept solvent by making a levy on members, and he urged other branches to do the same. "Let us be self-supporting," he same. "Let us be self-supporting, ne said. Mr. Peel was against wasting money on circularising consistent nonattenders. Mr. S. Durham, Sheffield, congratulated Huddersfield on being able to impose a levy. In Sheffield, "the branch officers would have to indent for guns if they made any such sugges-tion to their members." The amendment was carried, put as a substantive

motion and again carried.

A resolution calling upon the Society to publish a memorandum amplifying clause 5 of the "code of ethics" and send it to the secretary of every private limited company in pharmacy was moved by Mr. G. Large, Plymouth, who said his Branch accepted an amendment from Worcester that a copy should also be sent to the superintendent pharmacist of the company.

From the platform, THE PRESIDENT said that the Council agreed with the intention of the motion and amendment, which were thereupon carried.

The next resolution, taken slightly

out of turn, was a motion by Swansea and West Glamorgan that the cost of the Society's "index of new products should be borne by the manufacturers.

MR. W. J. APPLEBY, Nottingham, opposed; and MR. T. A. DURKIN, Blackpool, put the manufacturer's point of view, explaining that in Blackpool the branch secretary kept the index up to date and at members' disposal.

THE PRESIDENT said the Council

believed that the effect of the resolu-tion would be to affect adversely the independence and status of the index. The motion was lost.

Hours of Opening a Matter of Ethics

The first resolution taken in the afternoon session was the Southampton Branch motion "That it is the opinion of this meeting that adherence to the hours of opening agreed with the local Executive Council be constituted a part of the statement on matters of professional conduct." MR. R. THURSBY, Salisbury, moving it, said there was no excuse for non-adherence to agreed closing times. It was "purely greed."
The Branch also thought that any pharmacist who accepted conditions of service that required him to break rotas should also be thought of as breaking the code of ethics.

MR. ROYCE, Leeds, asked for an opinion from the platform whether, if the resolution were carried, it could be implemented, and MR. ADAMS replied that the question depended on whether the Statutory Committee would regard non-compliance with the suggested new The complaint clause as misconduct. could certainly be made to the Committee and would be considered.

MR. W. F. WILKINSON, West Metro-politan, said that he was pleased an amendment excepting joint action on the part of all pharmacists or contractors in an area had been accepted. In London, said Mr. Wilkinson, there were eighteen pharmacies that kept open till 10 p.m. and three all-night pharmacies. London thought that the rota scheme did not meet the reasonable needs of the public. If pharmacy were to be elevated to professional level, the service given must be that of professional men. Mr. Wilkinson outlined two schemes in operation for providing late service. One, in south London, was a co-operative-type pharmacy that pooled resources. Open from 6 to 10 p.m. each evening, it was financed by several contributors.

There was no "closed shop," and other chemists could join in the scheme 11 they wished. The second scheme was that 137 resident pharmacists had that 137 resident pharmacists had agreed to dispense after 7 p.m. pre-scriptions marked "urgent" by the doctor. Mr. A. R. Jenkins, Swansca, gave examples to show that the "needs of the public" watchword of certain companies was not genuine.

MR. A. OFFICER, Glasgow, said his support for the motion was qualified by a dislike of its drafting. He did not like the word "agreed." "Agreements" must be approached very warily and the reference should be to "contract" hours. He would prefer some such phrase as "exceeded the hours laid down in the terms of scrvice." Mr. HOLLAND, Romford, spoke of late hours being imposed on pharmacists by "people who never worked a rota or served behind a counter."

MR. BULL, Portsmouth, saw a danger in the use of the word "all." "A majority of" would make it workable.

MR. S. DURHAM, Sheffield, held that

the basic principle must be reasonable pharmaceutical service to the public. It should be the joint concern of all pharmacists. Pharmacists in any given area could provide between them the necessary extra service but the day of individual action was past. The problem was not too difficult, but joint action was now the thing.

The resolution was overwhelmingly carried.

A rather involved question of the eligibility of a small group of members to the Fellowship of the Society was raised by MR. G. H. SHEARD on behalf of Dartford Branch. He and MR. J. L. DRAPKIN gave explanations and examples, but Mr. ADAMS described the object of the by-law that governed the situation. The meeting rejected the resolution.

Public Relations

Unwarranted comments by coroners and others came next under discussion. MR. R. RIGBY, North Staffordshire, who raised it, said the subject was being brought up again because the previous results of bringing it up had not been up to expectations. Numerous criticisms by coroners had gone unanswered. The Society should protect members even if it meant buying newspaper space.

MR. A. E. THORPE, Manchester, gave an example of effective action taken promptly by the Society's secretary in a case that occurred in Manchester, and MR. H. W. Tomski, Harrow, said that sometimes well-intended efforts at publicity went against the profession. The Council had dealt wisely with such matters in the past, and they could be left to the good sense of the secretariat.

MR. Adams said that the matter, when previously raised, had been taken up with the Society of Coroners. He advised any member who might get implicated in an inquest to consult a solicitor, make a direct approach to the coroner to explain any technical points, and take up under coroners' rules any failure to give reasonable notice that criticisms were going to be publicly made.

The amendment was lost.

A second amendment, which MR. BROCKLEHURST said was "more realis-

tic," recommended that any member criticised should report the matter to the Council for their investigation. It was moved by Mr. K. HOLLAND, Romford, seconded, and carried.

Limitation of Pharmacies

Eastbourne Branch was not represented, and a resolution standing in its name was moved formally by Mr. H. Geldard, Rochdale, and seconded by Dr. E. W. Skyrme, Hastings. It was framed to empower the Council to refuse to register new pharmacies unless it could be proved that they were needed.

MR. A. HOWELLS, Dartford, strongly opposed in the interests of young pharmacists. He said it should be the aim of all to own a pharmacy. Need would be difficult to prove and multiples would have more facility for doing so.

MR. E. A. BRIGGS, Liverpool, on the other hand, asked what more foolish than to open a new pharmacy in an already saturated area. "There's the beginning of your poaching system," he said, and there should be limitation according to population.

according to population.

MR. H. W. TOMSKI, Harrow, claiming "no vested interest," argued that the resolution would keep open redundant pharmacies as well as preventing new ones where they were not called for. There should be freedom to open, but business acumen was needed. It

should be developed by "voluntary education."

MR. R. E. FRIZELL, Bournemouth, coined the slogan "If you want ethics you must have limitation."

The resolution was opposed by Mr. R. Rigby, North Staffs ("No initiative should be strangled"), Miss Birkett, Brighton ("The resolution ignores personality. One man might succeed where another would fail"); and by Mr. G. Espley, East Lancs ("Restriction would boost goodwill and play into the hands of the companies and 'coops'").

The motion was overwhelmingly defeated.

MR, C. H. P. ROBINSON, Mansfield, developed an entertaining line of argument to put the case, on behalf of his Branch, for post-graduate training in veterinary pharmacy, the fitting of surgical appliances, and "such subjects," leading to the award of diplomas.

MR. P. J. PARR, Bournemouth, spoke in support of the principle, but moved to delete "post-graduate" and thought the diplomas should be linked with the grant of a Fellowship.

The meeting turned down the amendment but passed the original resolution.

When to Take Forensic Pharmacy

An idea whose practical value at once appealed to the meeting was that degree

students should be allowed to sit for their forensic pharmacy examination before taking their final degree examination. That, said MR. C. SAMSON, Leicester, who moved the resolution on behalf of Leicester and Leicestershire Branch, would be a service to young men faced with an interval between graduation and call-up, enabling them to take temporary posts as locum tenentes. The motion was passed without discussion.

By this time signs of impatience to be off were beginning to appear, and the three final resolutions were also passed virtually without discussion.

MR. N. L. BANKS, Portsmouth, told how his branch had accidentally discovered many obsolete names on the list of registered students, and proposed an annual check.

MR. G. G. DAVIES, Swansea, enlisted the support of England for additional places in pharmacy schools in Wales, and MR. C. W. MAPLETHORPE (chairman of the Education Committee) announced that the number of places at the Welsh School of Pharmacy, Cardiff, was being doubled.

THE CHAIRMAN promised that the Council would do its best to implement a Southampton Branch resolution, moved by MR. J. E. JEFFERY, urging the supply to schools of information about pharmacy as a career.

HOSPITAL PHARMACISTS' SALARIES

Authorities notified of new agreement

A MEMORANDUM (H.M.(55)50) was issued to Regional Hospital Boards, Hospital Management Committees and Boards of Governors by the Ministry of Health on May 20. It encloses P.H. Circular No. 19 which gives the recent Whitley Council Agreement on hospital pharmacists' salaries (see C. & D., April 30, p. 468). It also reminds employing authorities that a re-assessment of points for calculating the salaries of senior grades of hospital pharmacists should be made on July 1, 1955. The year January 1 to December 31, 1954, is being taken as the period for assessment.

An appendix to the memorandum gives notes on the method of assimilation and on salary increases on promotion. The table given below is compiled from information given in the appendix. In some cases assimilation will be to an off-scale point.

For the basic pharmacist grade there is now no age link with the salary on appointment. A pharmacist assimilated

on April 1, 1955, to the £695 point will, on his next incremental date, receive a further increment of £30, and a pharmacist assimilated on April 1, 1955, to the £700 point will, on his next incremental date, receive a further increment of £25. A chief pharmacist, category I, or deputy chief pharmacist, category IV, who is assimilated to the £800 point, proceeds by one increment of £30 and one of £20. A chief pharmacist, category II, or a deputy chief pharmacist, category II, or a deputy chief pharmacist, category V, who is assimilated to the £850 point, proceeds by one increment of £30, one of £40 and one of £5. A chief pharmacist, category III, assimilated to the £905 point, progresses on his next incremental date to £945 and thence to £985 and £1,000. A chief pharmacist, category IV, assimilated to the £1,010 point, progresses on his next increment to £1,050 and thence to £1,095 and £1,100. A chief pharmacist, category V, assimilated to the point £1,060 progresses on his next increment to £1,050 and thence

crement to £1,100 and thence to £1,140, £1,185 and £1,200.

P.H. Circular No. 19 states that a man whose first appointment as a pharmacist is in the hospital service and who has completed his National Service after qualification will be credited with an increment for each year of National Service up to a maximum of two. A pharmacist with previous professional experience may, at the discretion of the employing authority, enter the basic grade at a point not exceeding £550 a year, provided that that is not higher than the salary he would have reached had all his experience been in hospital service. Salary on promotion will be the minimum of the new scale or such amount as will give an increase of £30. A pharmacist who has received or was due to receive as his next increment, an increase of £40 or £45 will get a promotion increase of £40 or £45. Hospital authorities are to make charges for provision of lunch and tea.

OLD AND NEW SALARIES OF HOSPITAL PHARMACISTS

	Pharmacist Senior Pharmacist				Chief, Cat. II; Deputy Chief,		Chief Pharmacist,		Chief Pharmacist,		Chief Pharmacist,			
			Filatinacist		Category IV		Category V		Category III		Category IV		Category V	
	£	£	£	£	£	£	£	£	£	£	£	£	£	£
	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW	OLD	NEW
On Appointment	450	500	525	575	575	625	625	675	680	730	735	785	785	835
After Years 1	475	525	550	605	600	655	650	705	705	760	760	815	810	875
2	500	550	575	635	625	685	675	735	730	790	785	845	835	915
3	525	575	600	665	650	715	700	765	755	820	810	875	860	955
4	550	605	625	695	675	745	725	795	780	850	835	905	885	995
5	575	635	625	725	675	775	725	825	780	880	860	935	910	1,035
6	575	665	-	/	-	-	-	-	-	_	885	975		_
6 or more	_	- /	625	750	675	800	725	850	780	905	-	_	935	1,060
7	575	695	-	_	-	- 1	-	- 1	-	_	-	- 1		_
7 or more	-	-	-		_		-		_		885 1,010			_
8 or more	575	700	-					-			- (

PHARMACEUTICAL INDUSTRY'S ACHIEVEMENTS

Exhibition displays typical contributions to medical and veterinary science

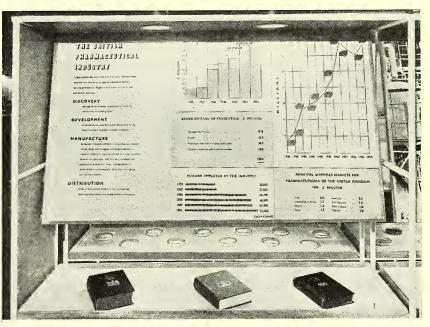
THE pharmaceutical industry's contribution to medical and veterinary science was the theme of an exhibition held in conjunction with the Pharmaceutical Society's reception on May 23 (p. 577).

The exhibition was arranged by the Association of British Pharmaceutical Industry. Featured on twenty panels were representative drugs discovered or developed in recent years, including penicillin and other antibiotics, antituber-



The Duke of Edinburgh at the exhibition.

cular drugs, sulphonamides and vaccines (including a British poliomyelitis vaccine of the Salk type). The choice of subjects treated in the exhibition was made by Dr. K. R. Capper, Ph.D., B.Pharm., F.P.S., D.I.C. (editor of the



INTRODUCTION TO AN INDUSTRY: The first of a score of panels summarises the purpose and functions of the British Pharmaceutical Industry in discovery, development, manufacture and distribution.

scientific publications of the Pharmaceutical Society of Great Britain) and Mr. T. C. Denston, B.Pharm., F.R.I.C., F.P.S. (editor of the British Pharmacopæia).

The first panel proclaimed that the A.B.P.I. is devoted to the invention and discovery, development, manufacture and distribution of substances needed for the prevention, diagnosis and treatment of human and animal ailments. Subsequent panels dealt with alkaloids

and vegetable drugs, anæsthetics and muscle relaxants, contrast media and blood-volume expanders, antibiotics, antihistamines, anticoagulants, antimalarials, tropical medicine, veterinary medicine, antiseptics, insulin, hormones, immunological products, vitamins, dosage forms, analgesics and hypnotics, and sulphonamides.

All the exhibits were anonymous. A second showing will take place during the International Pharmaceutical Federation's London meeting in September.

N.H.S. STATISTICS

In England during 1954, 203,071,240 prescriptions (116,868,732 forms) were dispensed at a total cost for ingredients, fees and containers of £42,610,763. The average total cost per prescription was 50·36d. and the average dispensing fee 12·45d. During January 1955, 20,386,457 prescriptions (11,679,664 forms) were dispensed at a total cost for ingredients, fees and containers of £4,223,162. The average total cost per prescription was 49·72d. and the average dispensing fee 12·5d.

In Northern Ireland during October, 1954, 562,250 prescriptions (340,549 forms) were dispensed at a total cost of £143,409. During November, 1954, 601,952 prescriptions (362,119 forms) were dispensed at a total cost of £157,125. During December, 1954, 563,910 prescriptions (339,256 forms) were dispensed at a total cost of £149,233.

In Derbyshire during 1954-55, 3,068,342 prescriptions were dispensed, an increase of 28,000 over 1953-54; the total cost of the National Health Service was £1,740,113, an increase of £65,000 over the figures for previous year.



DOSAGE FORMS AND THE MANUFACTURER: Among panels devoted to groups of drugs (antibiotics, hormones, vitamins, etc.), a panel explaining the formulation, production on a manufacturing scale and analytical control of medicinal products has a more generalised but highly educational value for non-expert visitors to the exhibition.







AT MATLOCK BATH: Pictures taken at the National Pharmaceutical Union area Conference on May 15 (C. & D., May 21, p. 558) by Richard Howard, aged eleven, son of Mr. L. W. Howard, M.P.S., Derby, Top left: Mr. W. H. Kemp, Stoke-on-Trent, with Mr. and Mrs. E. B. Bunting, Southend-on-Sea, and Mrs. Howard. Top right: Mrs. A. H. Moseley, Birmingham, responds to a toast. Bottom left: A halt during the ladies' excursion, Bottom right: Mr. H. Noble (N.P.U. secretary) and Mrs. Noble look on at the departure of one of the Conference visitors,

WILLS

MR. D. J. BAILEY, M.P.S., 1 Knowsley Avenue, Blackpool, Lancs (a former president of the Blackpool Pharmacists' Association), left £2,504 (£2,396 net).

Mr. A. W. Daniel, M.P.S., 25 Lake House Road, Wanstead, Essex, and formerly Hampden Hill Parade, Collier Row, Romford, Essex, left £9,991 (£9,049 net).

MISS A. L. FITZHUGH, 4 Barrack Lane, The Park, Nottingham, left £31,149 (£30,875 net). She left £150 to the Nottingham Branch of the Pharmaceutical Society,

MR. J. GERSTLEY, Warrenside, Oxshott, Surrey (deputy chairman and a former joint managing director of Borax Consolidated, Ltd.) left £104,245 (£98,900 net).

DR. C. H. HAMPSHIRE, C.M.G., F.P.S., 12 Hyde Park Street, Paddington (for many years secretary of the British Pharmacopeia Commission, editor of the *Journal of Pharmacy and Pharmacology*), left £11,918 (£11,732 net).

MR. F. H. Lowe, Anstiebury, Fee Farm Road, Claygate, Esher, Surrey (a former lecturer in organic chemistry at Chelsea Polytechnic, London, S.W.3), left £2,669 (£2,611 net).

MR. H. E. MATTHEWS, M.P.S., 5 Bournewood Orive, Bournemouth, and formerly 10 Heasmans Hill. Clifton, Bristol (founder of Matthews Laboratories, Ltd., Bristol, and a former member of the Board of Examiners of the Pharmaceutical Society), left £31,125 (£30,913 net).

MISS M. E. PEET, F.P.S., Riverside, Bardney, Lincs, left £7,793 (£7,725 net),

LOCAL DINNERS AND DANCES

DENBIGHSHIRE AND FLINTSHIRE Contractors' Dinner-conference

MR. H. Steinman (vice-president of the Pharmaceutical Society) was the principal guest and speaker at the fifth annual dinner-conference of Denbigh-

shire and Flintshire Pharmacist Contractors that met at Rhyl recently.

In the President's Place

MR. RHYS C. WILLIAMS, Llanrwst, presided over an attendance again exceeding that of previous occasions and, proposing the toast of the Pharmaceutical Society, he thanked Mr. Steinman for taking the place at short notice of the Society's president (Mr. Brocklehurst) who was prevented from attending by other engagements. Mr. STEIN-MAN, responding, gave an account of the Central N.H.S. Committee's negotiations with the Ministry on remuneration was mainly dependent upon fact-finding for the information of the Central Committee's technical advisers, and unfortunately co-operation by cross-sections of pharmacists called upon for information (particularly pri-

vate contractors) was still far from adequate. Mr. Steinman stressed that pharmacists must fully accept the responsibilities of professional status, upon which in his opinion the future of independent pharmacy largely depended. Replying to the toast of the National Pharmaceutical Union, which was proposed by Mr. G. R. LAWRENCE, Rhyl, Mr. H. Noble (secretary), paid tribute to the voluntary services of members of the N.P.U. Executive. He sometimes wondered whether there was a sufficiently wide appreciation of that by the general body of pharma-cists who benefited from the work of the Executive. He also referred to difficulties that had so far delayed final steps in preparing a memorial to the late Mr. G. A. Mallinson. Mr. G. R. KNOX MAWER, Wrexham, proposed the toast of "Visitors and Guests" to which Dr. IVOR DAVIES, Cerrigy-druidion, and Mr. TUDOR WILLIAMS (clerk to the Denbighshire and Flintshire Executive Council) replied.

Mr. R. Evans Thomas, Mold, acted as toastmaster, and general arrangements were made by Mr. Frank Ellis, Wrexham (secretary to the committee). culties that had so far delayed final

LIVERPOOL

Resource and Resilience

THE pharmaceutical profession had shown resource and resilience in coping with the rapid and startling developments in medical science and changes consequent on the introduction of the National Health Service, said Dr. T. LLOYD HUGHES (senior administrative medical officer, Liverpool Regional Hospital Board) proposing the toast to the Pharmaceutical Society at the annual dinner of the Liverpool Chemists' Association on March 9. Dr. Lloyd Hughes said that the resource which the Society had shown in coping with the changed circumstances was not surprising in view of its history and its record of public service. The volume of work with which pharmacists had had to deal

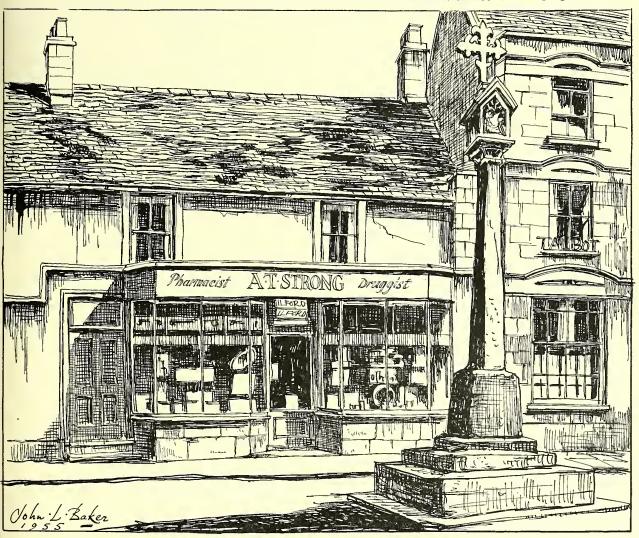
since the introduction of the national health service was staggering. MR. H. STEINMAN (vice-president of the Society) said that he was certain that members of the branch were thrilled and interested, as every pharmacist must have been, when the Duke of Edinburgh accepted the invitation to become the first Honorary Fellow of the Society. He hoped that, at the reception being held in London on May 23, Liverpool would be represented. The fact that the Duke had accepted the Honorary Fellowship meant that pharmacists had set themselves a very high standard of Proposing service to the country. the toast to the guests, Mr. J. FARRER BARNES (president) said that the Association was formed more than 100 years ago and was one of the oldest learned societies in the city. Mr. Barnes said that the Council of the

Society was placing too much emphasis on academic aspirations and should get down to the more mundane problems of the practising pharmacist. The shortage of hospital pharmacists was not only on account of remuneration. The problem was urgent in retail establishments, and, if steps were not taken to deal with it, it was bound to have repercussions to the disadvantage of pharmacy.

The other guests included Alderman (now Mr.) W. J. Tristram (deputy lord mayor of Liverpool), Mrs. Alice Greenwood (president, National Association of Women Pharmacists), Miss M. Hirst, Messrs. R. C. N. Powell (chairman Birkenbead Branch of the (chairman, Birkenhead Branch of the Society), A. R. Allen (chairman, Wallasey Branch of the Society), and E. G. Patterson (captain, Liverpool Chem-

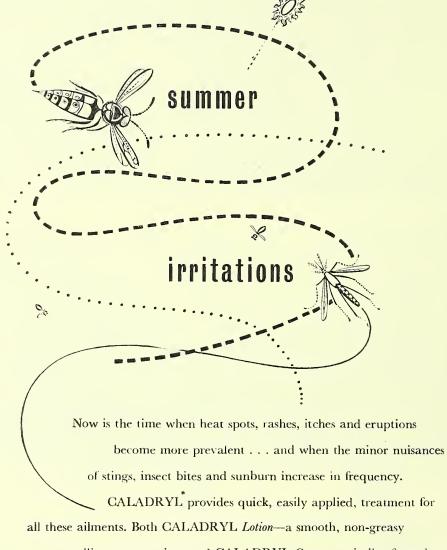
ists' Golfing Society).

PHARMACIES OF BRITAIN-



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Though the present proprietors make no specific claim that the Cotswold business of A. J. Strong, Ltd., has been carried on as a pharmacy for a century or more, that is believed to be true. The premises are certainly ancient and extensive. The fourteenth century cross shown in the drawing had the new headpiece added in memory of Joseph Chamberlain, who was lord of the manor and Stow's greatest benefactor.



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Memorable and Historic

MAY 23, 1955 will live long in the memory of the distinguished company of people who had the privilege of being present when, at a historic ceremony in London, the first Honorary Fellowship of the Pharmaceutical Society was conferred upon the Duke of Edinburgh (see p. 577).

The gracious acceptance by his Royal Highness of the Fellowship will be acknowledged with pleasure by pharmacists in all walks of the profession, recognising, as they will, that it adds lustre to pharmacy and to the Fellowship. As the president said in his speech of welcome to the Duke, the Society's links with the Crown have been strengthened—the Pharmaceutical Society has, from its earliest, had close associations with Royalty, and the Queen herself already graces the Society with her patronage—and members have been greatly encouraged in their public duties.

Greed—Service—Discipline

ROTA-BREAKERS and the ethical problems they create have jumped into the forefront of questions exercising the minds of pharmacists today.

To some, the matter has been of direct personal concern for a long time. Late closers appeared shortly after the National Health Service came into existence. In recent months they have been increasing at an accelerating pace and in a growing number of districts—"like a cancerous growth" as it was described at the meeting of Branch Representatives of the Pharmaceutical Society held in London on May 19 (p. 586). Unless it is soon arrested, the "growth" threatens slow death to more wholesome relationships between chemists that were beginning to take on a permanent look. (And how much better they were than the old excessive individualism of unhappy memory and the unregulated hours that the Shops Acts all but ended!)

Those chemists who nowadays keep open till 8, 9 or 10 p.m. each evening justify themselves by asserting that they are performing a service to the sick. Those other contractors—and they are still the great majority—who loyally adhere to local rota arrangements affirm that no motive but greed prompts the rota-breakers. In the main the majority are right, and indeed in some instances the motive is only too patently obvious. There are businesses with employed pharmacists under instruction from non-pharmacist directors who, as another Branch Representative put it, "never did a rota duty and probably never served behind a counter." There

is the contractor, too, who leads his customers to expect service late at night and on Sundays but is quite prepared to leave him in the lurch on Bank Holidays.

Nevertheless, greed is not the whole story. In some places doctors' surgeries regularly end after the rota hour has ended. It may be that the doctors concerned should change their surgery hours, and chemists have every right to make representations to persuade them to do so. But in the meantime should the patient be penalised? If he has no option but to attend a late surgery should he not be able to get his medicine reasonably soon after finishing with the doctor? In the second place there are areas where no rota is operated and every contractor closes at 6 p.m. Even a prescription marked "urgent" may have no value there.

Disregarding all those patients who, as every chemist knows, will bring in prescriptions at any hour that they find the pharmacy open, there remain some whose need for medicine may be genuine and acute at awkward times. While it may not be the responsibility of any particular contractor to satisfy that patient's need, it is surely a responsibility of the profession as a whole. In some areas an all-night service is provided by one of the company chemists. That service may not be popular with private chemists but at least there has been no great outcry against it, and one suspects that some have even regarded it with favour as relieving them of an awkward burden. Yet is it logical to condemn a 10-o'clock closing hour and condone an allnight session? The question becomes of rather more than academic interest since the Branch Representatives carried a motion making adherence to agreed opening hours a part of the Statement on Matters of Professional Conduct.

In certain areas, too, non-company chemists have recognised the need for late service and have set about catering for it. In Sheffield, South London and perhaps elsewhere a joint dispensing service has been provided by groups of chemists in special premises for several hours each evening. Under another special scheme operated by the London Pharmaceutical Committee and described by Mr. W. F. Wilkinson on May 19 full use is made of chemists who live over their premises (and presumably have agreed to co-operate), doctors and the police being notified where they can send patients in an emergency.

Once the need for late service is admitted, and those schemes are such an admission, then any insistence on a universal closing time of, say, 6 p.m., might draw from the public the accusation, which it would be very hard to refute, that chemists were "greedy of leisure."

In fact, although the Branch Representatives have resolved to have the subject brought within the "code of ethics," and assuming the resolution is accepted by the Council, we believe the Statutory Committee will not—indeed cannot—impose penalties on those who infringe it, at least until two preliminary conditions have been established:—

- 1. That patients in all areas are given some guarantee that a genuinely urgent prescription will, by some means or other, be dispensed as an emergency out of contract hours.
- 2. That rota service is, by arrangement with the Executive Council, provided up to a reasonable time after local surgery hours.

Overseas Trade in April

UNITED Kingdom exports in April amounted to £244.8 millions or 1 per cent. less than the monthly rate in the first quarter. Imports in April at £318 millions showed a fall of 5 per cent. from the first quarter average. With re-exports amounting to £8.3 millions in April the excess of imports, value c.i.f., over exports and re-exports, valued f.o.b., was £65 millions compared with £77 millions a month in the first quarter of the year and £46 millions a month in the first half of 1954.

The more detailed accounts for April show that exports of medicinal products followed the pattern set in previous months, with Australia and India as the principal buyers and the Union of South Africa a close third.

Penicillin valued at just over £250,000 continued to lag behind the "other antibiotics" as may be seen in the accompanying table. An improvement in the export value of alkaloids (except quinine which is given separately) was the highest since January 1954 and sulphonamides were about £9,000 up on the previous month. On the import side, prepared medicines totalling about £466,000 were at their lowest level of the year although vitamins and alkaloids accounted for nearly half of that total. Ipecacuanha (root) at £49,932 was at double the value imported in April 1954; the volume was up by only one-half.

	EXPO	ORTS			1	VALUE
Drugs, medicines	s, me	edicinal	pre	aratic	ons	£
(total)						2,908,068
Vitamins						231,375
Penicillin salts						145,012
Penicillin inject	ions					68,012
Penicillin tablet		tments				37,521
Antibiotics other						378,656
Quinine and its						24,464
Alkaloids, exclu						79,813
Aspirin						83,407
Antihistamines						83,176
Antipaludics						52,373
Barbiturates		•••	•••			44,498
Liver extracts						15,378
Ointments and	linin					98,342
T 1"						37,609
0 1 1 11		•••				149,470
Proprietary med						786,015
Unclassified me						612,260
C1 .						13,062
						61.040
Ct						34,399
G 11 1 .						18,951
Perfumery and to				•••		10,751
Lipsticks, face						306,270
						123,546
Toilet soap						205,874
	IMPC					203,017
	IMPC)K15				
Вогах					***	92,616
		• • •				73,227
			• • •			54,782
Vitamins						106,159
					• • •	25,535
						99,536
Proprietary medic						25,630
Unclassified medic						209,115
Essential oils (exc	cludin	g turp	entine)		
Bergamot						5,101
Clove						18,757
Lavender						20,279
Lemon				• • •		58,442
Orange						25,895
Peppermint	•••					55,947
TT 4 'C 1					T.	217 120

Unclassified

216,129

THE OLD ORDER ...

THE cave-dwelling Briton
With wanderlust smitten
Didn't draw up Bills of Sale
Or Assignments which entail
Outside assistance
In our present existence.
No ancient George or Orridge
Disturbed his morning porridge
In order to take stock
Of his premises of rock
From highly-priced flint knives
To lesser goods like wives.
The party of the first part

Gave the party of the second part (According to our researcher)
A final parting "Gertcha!"
Thereby making things formal
And delightfully normal.

It would seem at first glance

That our civilised advance
Bringing Agents to our call
Is no advance at all
But having lately made
Much use of Agents' aid
We have nothing but praise
For their business-like ways
And on reading a thesis
Involved, as a lease is,
With no commas and scores
Of "hereintobefores"
The party of the first part

And the party of the second part prive expression

Now give expression

To the dreadful confession

That they are even contented

SOLICITORS were invented!

J. J. HAYTON

CORRESPONDENCE

Letters when received must bear the name and address of the sender, not necessarily for publication. The Editor does not hold himself responsible for the views expressed.

UNFAIR TO CANDIDATES

SIR,—Your list of Parliamentary candidates (C. & D., May 21, pp. 560-61) puts the Conservatives at the Left and presents Labour in the Tory colour. Only the Liberals, tagging along behind, appear to have been treated realistically.

VISITOR FROM MARS

"PIRATING"

SIR,—I was much interested to read the letter "Pirating" in your Correspondence column last week (C. & D., May 14, p. 538). About twenty-five years ago I designed a label and evolved a formula for a gargle, and the product has enjoyed a big sale by retail pharmacists throughout the country. One pharmacy at which the preparation had been sold ever since the business was set up many years ago changed hands. The new proprietor was well known as an awkward man to do business with, and my firm closed the account. A few years later the man resold the business to the present owner—a customer of mine. On visiting the premises I remarked that "Mr. X" must have continued to buy our gargle—as I saw some bottles of it on display—but was told: "Oh, no! We make that ourselves—he left us plenty of labels." The labels were produced. They had been printed by a well-known firm of medical printers and were an exact copy of our own, the very label that I had personally designed. Would that pass as ethical or professional behaviour?

WILLIAM DAWSON-LLOYD

INFORMATION WANTED

The Editor would appreciate information about suppliers of the following item:

NIVAGIN

Progress in the Cultivation of

ERGOT OF RYE IN HUNGARY

By MIKLOS BEKESY (Research Institute for Medicinal Plants, Budapest)

ROM the standpoint of agriculture, ergot is a fungus disease to be eradicated. On the other hand it is an important basic material for the pharmaceutical industry. Interest in its agricultural production grew as it reached an important place in medicine.

As early as 1888, the price of ergot was twenty times as high as that of rye, so it is easy to understand why plans to increase the production of ergot by cultivation received considerable attention. Agricultural scientists at first objected to the idea of test cultures, for they feared that the surrounding areas would be contaminated by the parasites. Later, when the demand for ergot continued to increase, they undertook to investigate the possibilities of ergot cultivation (Hecke in 1921, Tschermak in 1920, Falk in 1922). Their experiments brought about no changes in farming practice. They only demonstrated difficulties inherent in planned cultivation of ergot, while showing, at the same time, that the fears of contamination were much exaggerated.

Life History

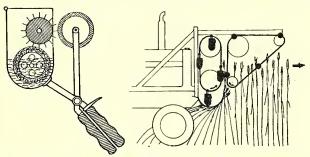
To understand the organised cultivation of ergot of rye, it is first necessary to have an explanation of the natural spread of ergot and the circumstances of rye-flowering. If the sclerotium of the fungus—the hibernating organ of ergot—drops from the ear to the ground, it produces in the spring slender stalks surmounted by spherical heads



1. Ears of rye showing the cultivated ergot.

(stromata). From those heads thread-like thin ascospores are carried into the air. When the ascospores fall upon the open flower of a susceptible grass variety, an infection results. About ten days later sweet drops (honeydew) appear on the infected plants. They contain large quantities of small round spores (conidia). Insects visiting the honeydew, by flying from plant to plant, propagate the secondary infection, and after a few days ergots appear in the place of the seeds and attain full maturity by the time the rye is ripe.

First organised experiments in deliberate cultivation of ergot were an attempt to imitate natural conditions by sowing ergot with the rye. It soon became obvious that most of the ergot developed its spores one or two weeks before the flowering time of the rye. It has been observed, moreover, that the natural spread of ergot starts on the early flowering grasses, and that ergot of rye is not the result of a primary infection by ascospores, but of a secondary infection of rye by insects. The next step taken was to infect flowering rye by direct spraying with inoculating material, but it was found that the conditions under which

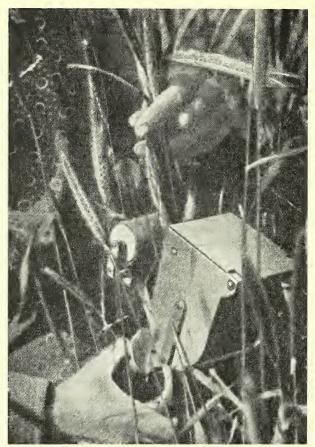


2. Left: Sketch of small apparatus developed for trial inoculations in 1943. Right: Diagrammatic sketch of apparatus devised for mechanised production.

the flowering of rye takes place are quite unsuited to bringing about mass infection. Unlike garden flowers, which remain fresh and open for a long time after pollination, the rye flower closes promptly after pollination and under favourable conditions withers within half an hour. In addition, the flowering time of rye is limited to a few hours of the day, mostly in the morning, when temperature and humidity conditions are most favourable. Since successful spraying can only be achieved if the spores reach the inside of the flower, experiments with that method brought but meagre results.

First Attempts at Inoculation

While investigating whether young ears could be infected before blossoming, the author used an injection needle with a syringe to introduce the material into the flower and found that every pricked flower developed ergot. In that way the possibility of a new method of cultivation was opened up. A suitable inoculating apparatus had then to be constructed. Since the injection needles become easily clogged, a housewife's sewing needle was tried and it was found that when dipped into a spore suspension, the eye took up sufficient liquid by capillary action to cause infection of the rye flowers. A small apparatus was designed consisting of cylinders with needles the eyes of which received the fluid from felt rollers. That simple principle was patented in 1934. Vertically working needle- and pressure-cylinders were the characteristics of that apparatus, the rye being brought between them. The apparatus was further developed in Switzerland and later in Czechoslovakia. However, there



3. Hand apparatus in use.

were technical defects in the device, especially in connection with supply of the injection fluid. To overcome the difficulties a new type of injecting apparatus was devised with horizontal needle and press-rolls. The simplest form, developed in 1943 for the injection of small trial lots, is shown diagrammatically in figure 2 (left), and in action in figure 3. On the pincer-shaped apparatus the tank containing the injection liquid, with the felt and needle rollers, is fixed on one arm, and the press-cylinder on the other. The ears are placed between the pressure and needle rollers, and

the jaws of the pincer closed and pulled over the ears. Resistance of the rye activates the rollers and the ears are pricked. The small hand tool proved useful in practice and it was therefore modified for use by the small farmer. Its working width was enlarged tenfold, demanding two farm hands for its operation instead of the single one needed earlier (figure 4). Greater working width and simpler operation of the machine increased performance twentyfold.

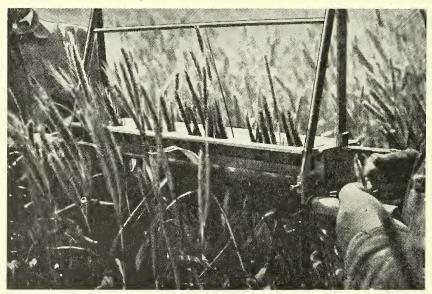
The machine has been further developed for large-scale production, bringing about complete mechanisation of the process. The machine can now be fixed to the forepart of a tractor and figure 2 (right) shows the mechanism. The tanks with the felt and needle rolls are on the same principle as in the small hand tool, and are fixed to a pair of chains. The pressure-rollers conduct the ears to the needlerollers, with which they remain in close contact during the upward movement of the tanks, securing the necessary pressure for pricking the ears. As the machine passes on, new ears are continuously fed to the injecting rollers while the pricked ears are left behind underneath the machine. The great advantage of the machine lies in its economical consumption of injection fluid: it uses only 40 litres per hectare (2.5 acres approximately). The stems are scarcely injured by the needle rollers, because they are inserted automatically between the rows of needles.

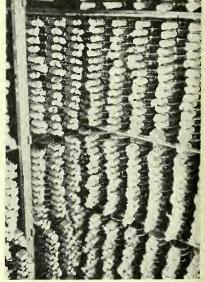
In 1953 many hundred hectares of rye were inoculated with the machine and the resulting crops gave a high average yield (nearly 170 kilos per hectare).

In the early days it was not known why some of the ergots were rich and others were devoid of alkaloids. Further experiments proved that the alkaloidal content depends upon the species. As, however, the various species are found mixed in nature, it has been difficult to distinguish individual species and their properties. The elaboration of analytical methods for determining alkaloids in single specimens of ergot has enabled ergot to be improved by selection.

Selecting the Cultures

Selection was based on examination of ergot specimens from various countries, especially from Hungary, the United States, Canada, Japan, and Spain. The richest in alkaloidal content were selected from the samples to produce so-called "base cultures." The ergot crops yielded by the cultures were tested for their alkaloidal content, especially for ergometrine and ergotamine, and the genus that showed favourable results was used for cultivation on a large scale. By selection it has been possible to grow ergot of rye superior in alkaloidal content to the usual commercial grades and





4. Left: Further development of hand machine for use by two workers being capable of inoculating ten times the quantity of the smaller machine. Right: Saprophytic cultures in the incubation room.





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1



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Eye drops: (4% solution) in bottles of 10 c.c.

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therefore most suitable to meet the requirements of the pharmaceutical industry. Continual checking of the cultures has, of course, become indispensable, nor could scientific problems be neglected. Between 5,000 and 10,000 analyses of individual seeds a year have had to be carried out in order to determine separately the quantity of every alkaloid in fifty to 100 cultures.

Ergot of rye is an entirely new cultivated plant in agricultural practice. Planting methods are more exacting than with other farmed plants and have not yet been satisfactorily developed. Only one experiment can be undertaken in any one year; hence many years are necessary to reach a final conclusion as to the most suitable agricultural pro-

cedure. In each of the past five years there has been an opportunity not only to examine the behaviour of each culture in more than a thousand test lots, but also to work out the greater part of the agricultural procedure. It has been possible to determine the most favourable number of spores in the injection material, the correct timing of injection, the time for harvesting, etc.; the essential conditions for systematic cultivation have thus been worked out.

In 1952, 10 tons of ergot was cultivated by the aid of hand tools. With the larger injecting machines, more than 100 tons was produced in 1953. Ergot of rye as well as the alkaloids and preparations derived from it, have become important export articles for Hungary.

HOSPITAL PHARMACY FORUM

BY-EFFECTS OF THE NEW SALARIES

N May 21 the new salary scales for hospital pharmacists were officially made known to Hospital Management Committees and Boards of Governors by the circular H.M. (55). 50. By an odd chance the day happened to be the day of the annual meeting of the Guild of Public Pharmacists, when members would have in mind the heated discussions of the 1954 annual meeting on the topic of negotiations.

Reflecting on the long period of negotiations that passed before the agreement was reached, it would be easy to make the jibe "too little and too late." In a sense, of course, that is true, for in the past two years the rising cost of living and the often attractive remuneration available in retail pharmacy have proved too strong for some hospital pharmacists. In many cases men of experience and initiative have given up what they once thought the most satisfying branch of pharmacy, and it is unlikely that they will be persuaded by the new salary scales to return to it. The damage done to the Service is in that respect irreparable.

Legacy From The Past

However, the present is not the time to mourn. After all, there are many tasks to be faced in making a pharmaceutical service in the hospitals that will be worthy of the professional status we so vociferously claim. Not all the deficiencies of the pharmacy departments can be attributed to the poor salaries offered, though we recognise the importance of that factor. Much was due to the poverty or ignorance (or both) of hospital authorities in the old system; that was a legacy from the past. Hospital pharmacy has never achieved generally throughout the country the status it had in the best teaching hospitals and some of the larger "voluntary" hospitals. The great process of co-ordination and levelling up has scarcely begun.

What can we hope for, then, from the new scales now published? They fall short by a considerable sum of the claims originally put forward by the staffs' side of the Whitley Council. A category V chief pharmacist, for example, reaches a maximum of £1,200 per annum, whereas £1,350 was the figure claimed for that category. On the other hand, for the young entrant into the service there is a longer scale to look forward to. The majority of chief pharmacists are in category III, and that may be regarded as the normal expectation from the viewpoint of a career. The maximum for this grade has risen from £780 to £1,000. When compared with the expectation of earnings in commercial pharmacy, it can by no means be regarded as extravagant, but, considered along with the security of tenure and other advantages of the service, it does seem to us to make the difference between possibility and impossibility for the pharmacist with a vocation for hospital work.

The main danger lies in the salaries at the lower end of the scale. Will young men after serving their period of military training come into the service at £550 in preference to taking posts in the shops at £700 or more? Perhaps a few keen men will take the chance of earning rapid promotion, but, for the most part, the likelihood is that junior posts will be filled by short-term personnel and especially by young married women working part-time.

Employing Pharmacists Efficiently

A possible answer to the problem is a change in the ratio of chiefs and seniors to basic-grade pharmacists by redeployment of staff. It is unlikely and undesirable that there will be a return to the days when pharmacists were easy to get, and as a consequence the most efficient use must be made of those we have. The employment of technical assistants and students needs to be carefully examined to see whether some of the tasks traditionally carried out by pharmacists may not be so arranged that most of the labour is done by such personnel. The interpretation of prescriptions, and the advising of patients, nurses and doctors on pharmaceutical matters, are obviously tasks that cannot safely be delegated, but the preparation of bulk mixtures, ointments, sterile fluids, etc., may often be done by trained technicians under supervision, with great saving of qualified personnel. An examination of the conditions and range of such work is urgently needed in order to rationalise the present state of affairs. It is not of first importance whether the number of pharmacists in the service is 2,000 or 1,000, so long as those who are in are performing a necessary service in the most efficient manner, and are accorded remuneration and status appropriate to the responsibility they carry. If a reduction in the number of pharmacists were to give a more efficient service, then we as citizens should recognise the situation and work to that end. This would mean that the establishment for the basic grade would perhaps shrink, and for the higher grades increase. No doubt many such matters will come up for discussion among hospital pharmacists in the next few months. The circular makes no mention of the other matter brought before the Whitley Council in the original claim—that of a revision of the points system of grading chief pharmacists' posts. The subcommittee set up to investigate that problem will no doubt have a long and arduous task to perform before a satisfactory revision is completed. Whether any general improvements will result, such as the provision for a sixth category, remains to be seen. The opportunity will no doubt arise for recognising the additional responsibility of certain departments where, for example, the work includes administrative responsibility for other hospitals in the group or region, or where additional services such as a sterile syringe laboratory are required of the pharmacist. Rewards of that kind would have the effect of stimulating initiative in the building-up of efficient and comprehensive departments.

TRADE REPORT

The prices given are those obtained by importers or manufacturers for bulk quantities or original packages. Various charges have to be added whereby values are in many instances augmented before wholesale dealers receive the goods into stock. Crude drugs and essential oils vary greatly in quality and higher prices are charged for selected qualities.

LONDON, MAY 25: Many factors had to be considered in forming an assessment of the markets during the week. Tending to depress inquiry on the one hand were the usual pre-election lull, the forthcoming Whitsun recess and the fact that many markets overseas were closed on certain days. On the other hand, labour disputes at the chief docks in England and the threat of a rail strike should have had a stimulating effect on the spot market. The net result was that most traders reported the position almost unchanged from previous weeks.

In Crude Drugs, a parcel of good-quality Alexandrian Senna Pods was offered (and sales were made) at 8s. per lb. Strophanthus Gratus was lower by about 1s. 6d. a lb. while Chinese Menthol was sixpence per lb lower. Agar was a weak market with new-crop for shipment easier by one shilling per lb. Shellac was also quoted lower. Offers of new-crop Canada Balsam have been received at 19s. per lb., c.i.f. Supplies and prices of Ipecacuanha and Aloes were virtually unchanged. Home-produced Castor-oil was un-

Home-produced CASTOR-OIL was unaltered although Indian for shipment was higher following unconfirmed reports that the U.S.A. had bought in India, leaving supplies in a tight

position.

Among Essential Oils, Java CitronElla was firmer by threepence per lb.
in all positions. Lemongrass for shipment was dearer by the same amount
although spot supplies remained unchanged. Some adjustment between
the spot and shipment prices of Madagascar Clove leaf took place. Chinese
Peppermint fell by sixpence per lb. to
38s. 6d. for prompt delivery although
shipment was quoted one shilling
above that price. Palmarosa registered
a sharp rise of 4s. a lb. in the forward
position but spot holders did not
follow the rise all the way.

Pharmaceutical Chemicals

Atropine. — Rates (per oz.) for 16-oz. lots are: Alkaloid, 30s, 9d.; sulphate, 25s. 9d.; methylbromide, 31s. 9d.

BENTONITE.—Offers of B.P. material are about £70 per ton as to quantity.

BENZAMINE.—In 16-oz. lots LACTATE is 15s. 3d. per oz. and Hydrochloride, 16s. 3d. per oz.

BENZOCAINE. — Minimum price for B.P. is 20s. 6d. per lb.

BENZOIC ACID.—l-cwt. lots are 2s, 11½d, per lb. The Sodium salt is 2s, 9½d, per lb. in 1-cwt. lots.

Brucine.—Alkaloid is from 1s. 8d. to 1s. 9½d. per oz. and nitrate and sulphate from 1s. 7d. to 1s. 8½d. per oz.

BUTOBARBITONE.—B.P.C. is 70s. per lb. in 1-cwt. lots.

Calciferol.—B.P. is 4s. per gm. for 100-gm. lots and 3s. 9d. per gm. for 500-gm.

CARBROMAL. — B.P.C. is 21s. per lb. delivered in returnable packing.

CHLORBUTOL.—28-lb. lots are at the rate of 10s. per lb.

CHLOROFORM.—1-cwt. lots in winchesters are 3s. 6d. per lb.; 56-lb., 3s. 6½d. 1n drums, prices are 3s. 4d. and 3s. 4½d.

CITRIC ACID.—Quotations (per cwt.) for domestic material are 205s, for 1-4 cwt. lots and 200s, for 5-cwt. lots.

CREAM OF TARTAR.—Rates for the home trade are now as follows:—1-ton lots, 211s. per cwt.; 10-cwt., 212s. 5-9-cwt., 213s.; 2-4-cwt., 214s.; 1-cwt., 215s.

CREOSOTE.—B.P. quality ex beechwood, is quoted at from 6s. 9d. to 7s. 6d. per

EPHEDRINE.—In 100-oz. lots alkaloid is 7s. per oz.; Hydrochloride and Sulphate, 4s. 3d. per oz.

ERGOMETRINE.—For 20-gm. lots the price of the MALEATE, B.P., is £27 10s. per gm., and the TARTRATE, £25 10s. per gm.

FERROUS GLUCONATE.—B.P.C. is 6s. 6d. per lb. in 1-cwt. lots.

FORMALDEHYDE. — B.P. solution is 36s, 3d, per cwt. for original 4-cwt. drums. Drums charged extra and returnable.

GLYCEROPHOSPHATES.—Rates per lb. for 1-cwt. lots are as follows.—ACID, B.P.C., 20 per cent., 5s. 9d.; CALCIUM, Soluble, B.P.C., 11s. 9d.; IRON, B.P.C., scale, 15s. 9d. and powder, 14s. 9d.; MAGNESIUM, Soluble B.P.C., 14s. 3d., and insoluble, 7s. 6d.; MANGANESE, B.P.C., 26s. 3d.; POTASSIUM, 50 per cent., B.P.C., 3s. 9d. and 75 per cent., B.P.C., 3s. 1d. and 75 per cent., B.P.C., 3s. 1d. and 75 per cent., B.P.C., 4s. 6d.

HYPOPHOSPHITES. — Price per lb. are unchanged as follows:—

SALT	7 lb.	28 lb.	1 cwt.
AMMONIUM	s. d.	s. d. 12 5	s. d. 12 0
BARIUM	 7 10	7 5	7 0
CALCIUM IRON	 5 11 12 1	11 8	5 I 11 3
MAGNESIUM	 9 4	8 11	8 6
MANGANESE POTASSIUM	 12 4 7 11	7 6	11 6 7 1
SODIUM	 6 7	6 2	5 9

Lactose,—English, in 1-ton lots packed in 1-cwt. paper-lined sacks, is £137 per ton, delivered in the United Kingdom.

LEAD ACETATE.—B.P. crystals are 180s. per cwt., and technical, 160s.

LITHIUM SALTS. — Current minimum rates (5-cwt.) are as follows:—BENZOATE, 11s. per lb.; CARBONATE, B.P.C., 11s. 3d.; CHLORIDE (commercial), 10s. 9d. to 11s.; HYDROXIDE, 10s. 6d.; CITRATE, B.P.C., 9s.; SULPHATE, 8s. 6d.; SALICYLATE, 9s. 9d. (10-cwt.), delivered.

Magnesium carbonate.—Minimum bulk rate for Light is 121s, per cwt.; heavy is 150s, per cwt. for 5-cwt. lots and 124s, per cwt. for 1-ton lots.

MAGNESIUM HYDROXIDE.—Makers' prices for B.P.C., are: 1-cwt. lots, 3s. 5d. per lb. and 1-ton, 3s. 2d. per lb.

Magnesium oxide, B.P. — Bulk rates are as follows:—LIGHT, 3s. 3d. per lb., and heavy, 5s. 4d. per lb. for minimum 1-ton lots.

Mandelic acid,—In 1-cwt. lots the price is 12s. per lb. with the Calcium salt also 12s. Sodium mandalate is 12s. 6d. and ammonium mandale 50 per cent solution, 7s.

METHOIN.—B.P. is about 120s, per 1b. METHYL SALICYLATE. — 1n 5-cwt. lots price is 3s. 1½d. per 1b.; 1-cwt., 3s. 2d.; 56-lb., 3s. 2½d.

Phenolphthalein.—Rate for 1-cwt. lots is 10s, 10d, per lb.

PIPERAZINE. — Quotations for HYDRATE are from 20s. 6d. per lb. with CITRATE at 28s. per lb.

POTASSIUM HYDROXIDE.—B.P. sticks are from 6s. 6d. per lb.

Procaine hydrochloride. — 1-cwt. lots arc 30s. per lb.

Pyridoxine. — Manufacturers' rate is £170 per kilo.

QUINIDINE.—Prices (per oz.) for minimum 100-oz. lots in the home market are: Alkaloid. 8s. 9d.; Sulphate, 6s. 7d. Extra charges for small lots.

RESORCINOL. — 1-cwt. lots are nov quoted as 13s. per lb. by manufacturer.

SACCHARIN.—In lots of 1 lb. and over B.P.C. powder is quoted at 99s. 10d. per lb., the SODIUM SALT is 80s. 10d. per lb. Prices include duty and carriage

Salicylamide. — Price (per lb.) for 1-cwt. lots is 8s. 6d.

Santonin.—The following prices apply in the home market, including Eire:—5-kilo lots, £51 10s, per kilo; 2-4-kilo lots, £52; 1-kilo, £52 10s.; 500 gm.; £54 10s.; 250 gm., £55 10s.; smaller quantities, £56 10s. to £57 10s.

Sodium Phosphate. — B.P. powder is 125s, per cwt.

SULPHATHIAZOLE. — Price (per lb.) for 1-cwt. lots is 21s. 9d.

Tartaric acid. — Rates for the home trade are as follows:—10-cwt. lots, 250s. per cwt.; 5-9-cwt., 252s.; 2-4-cwt., 254s.; 1-cwt., 255s.

Terebene. — For 1-carboy lots, 4s. 2d. per lb. is asked. In winchesters, prices are from 4s. 3½d. to 5s. 2d. per lb.

TEREBINTH.—B.P. is 2s. 3d. per lb.
TERPIN HYDRATE. — Prices are from 5s.

per lb. upwards as to quantity.

Terpineol. — Prices of B.P. grade are

TERPINEOL. — Prices of B.P. grade are from 3s, to 3s, 6d, per lb., as to quantity.

THEORROMINE. — ALKALOID is 36s, 6d.

Theobromine. — Alkaloid is 36s, 6d, per lb. for 1-cwt. lots and the Sodium salicylate, 22s, 3d, per lb.

Theophylline.—1-cwt, lots of alkaloid are quoted at 22s, per lb, and amino-phylline at 23s.

ZINC OXIDE. — Rates for B.P. quality are: 2-ton lots, £125 per ton; 1-ton, £126; 5-cwt., £128; under 5-cwt., £135 delivered.

Crude Drugs

ACONITE. — Spot supplies of Spanish napellus are 4s. per lb., duty paid.

AGAR.—Kobé No. 1 is 13s. per lb., in bond. For shipment offers are easier at 10s. 9d., c.i.f.

ALOES. — Prime Cape for shipment is 290s. to 295s., c.i.f. Spot value of extra prime is 325s. Curação is 385s., c.i.f.

ANISEED (STAR).—Chinese is 145s. per cwt., in bond and 138s., c.i.f.

Antimony. — English 99.6 per cent. is £222 10s.; 99 per cent., £210 per ton. ARECA NUTS. — Quotations are about 40s. per cwt. for Ceylon material on the spot. Shipment, 25s., c.i.f.

Asafætida.—Persian block is from £10 to £14 per cwt., duty paid, as to quality.

BALSAMS.—Quotations (per lb.) are:— Canada: spot offers are 22s. 6d.; newcrop for shipment, 19s., c.i.f. Copaiba, B.P., 10s. 6d. to 11s. 6d.; Para insoluble, 7s. 6d. Peru is 11s. 6d., duty paid; forward delivery, 10s., c.i.f. Tolu (genuine as imported), 26s. 6d. spot and 26s., c.i.f.; B.P., 17s. 6d., spot.

BUCHU.—New-crop rounds on the spot re 4s. 9d. per lb. with shipment at are 4s. 9d. 3s. 9d., c.i.f.

CARDAMOMS. — Aleppy greens on the spot are 14s. 6d. per lb. (sellers); shipment, 14s., c.i.f. Seed is 19s. 3d., c.i.f., and 21s., spot.

CHERRY BARK. — Thin natural is from s. 9d. per lb., duty paid, and rossed, 2s. 1d., on the spot.

CINCHONA. — A parcel of Tanganyika druggists' bark (7.79 per cent. total alkaloids; s.q., 7.3; cinchonidine, 0.48) is offered on the spot at 1s, 11d, per lb. Other parcels to arrive.

CLOVES.—Zanzibar on the spot are now quoted at 3s. 2½d. per lb.; prompt shipment, 3s. 1d., c.i.f.

COCHINEAL. — Limited offers of black-brilliant are 30s. 6d. per lb. on the spot; silver-grey are 19s. and grey-black, 19s. 6d. Peruvian silver-grey is offered at 16s. 9d. ex wharf.

COCILLANA. — Value of bark is 2s. 8d. per lb. on the spot.

ERGOT.—Portuguese is quoted for shipment at 11s, 6d, per lb., c.i.f., and on the spot at 14s. East-European is from 7s, 6d, to 12s, 6d., spot.

GALANGAL.—Root is quoted at 70s. cwt., c.i.f., for shipment, and spot, 80s.

GENTIAN.—French natural on the spot is from 122s, 6d, per cwt.

GINGER.—African is quoted on the spot at 250s. per cwt., and shipment at 245s., c.i.f. Jamaican No. 3 is 350s. on the spot and 335s., c.i.f.

GUM ACACIA.—Easier. Kordofan cleaned sorts on the spot are offered at 135s. per cwt. and May-June shipment at 127s.,

HENNA.—Indian is 105s, per cwt. for the green and 72s, 6d, for brown. Sudanese is 100s., c.i.f.

HONEY. — Australian light-amber offered on the spot at from 110s, to 120s, per cwt, and medium-amber, 100s, to 108s. June delivery of Argentine is quoted at 135s., ex store and Jamaican new-crop at 140s.

HYDRASTIS. — Root is 19s. 6d. per lb., on the spot.

IPECACUANHA. — Quiet. Limited spot offers of Colombian at 67s. 6d. per lb., Nicaraguan, 67s. 6d. to 70s. and Matto Grosso, 63s. For June–July shipment, Colombian is quoted at 61s. 6d. per lb., IPECACUANHA. -- Quiet.

JALAP ROOT. — Vera Cruz, untested is offered at 3s. 9d. per lb. Brazilian, 12·4 per cent., is quoted at 1s. 10½d.

KARAYA. — No. 1 gum on the spot is quoted at 350s. per cwt., and No. 2 at

LANOLIN. — In 1-ton lots the price of ANHYDROUS, B.P., is from 160s, to 165s, per cwt.; 5-cwt. lots from 162s. to 167s. per cwt.; 5-cwt. lots from 162s. to 167s. per cwt. Hydrous, B.P., is from 140s. to 142s. for similar quantities. All in drums, carriage paid, U.K.

LIQUORICE. — Quotations for Anatolian are 70s. per cwt.; Russian, 65s. and Persian, 50s. Block juice quotations are 220s. per cwt. on the spot. Italian stick from 310s. to 475s. per cwt. duty paid.

MENTHOL.—Chinese is 54s. 6d. per lb. in bond and Brazilian, 55s. 6d., in bond. Orange PEEL.—Bitter quarters are offered at from 1s. to 1s. 3d. per lb.

PAPAIN. — Spot value for East African grade one is from 17s. 6d. to 18s. per lb.

PEPPER.—Quiet. White Sarawak on spot is now offering at 3s. 8d. per lb. although the forward shipment price remains firm with July quoted at 2s. 6d., c.i.f. Black Sarawak is 2s. 9\frac{1}{2}d., spot with business reported; afloat, 2s. 7\frac{1}{2}d. to 2s. 8d., c.i.f. Black Malabar is selling on spot at 365s.

SEEDS. — (Per cwt.). ANISE.—Tunisian quoted at 277s. 6d., spot, duty paid. CARAWAY.—Dutch easier at 157s. 6d., spot, duty paid. CELERY.—Indian is quiet with sellers now quoting 145s., spot London. CORIANDER.—With poor demand market is inclined to be easier. Spot, Morocco is 77s. 6d., duty paid (72s. 6d., in bond). Rumanian, 60s., duty paid; splits, 52s. 6d., duty paid. CUMIN.—Fewer inquiries received on spot. Cyprian quoted at 122s. 6d.; Morocco at 125s., duty paid. Shipment (new crops), Cyprian, 105s.; Morocco, 97s. 6d., c.i.f. DILL.—Indian can still be bought at 65s. on spot. Fennel.—Continues in poor demand Indian can still be bought at 65s, on spot, Fennel.—Continues in poor demand with sellers of Indian at 90s, and Chinese at 92s, 6d., duty paid. FENUGREEK.—Morocco only available at 67s, 6d., spot duty paid. MUSTARD.—Market dearer, with low quality scarce. English, 75s, to 92s, 6d. according to evolve. 92s. 6d., according to quality.

SENEGA.—Spot supplies are 24s, per 1b. No direct shippers offers but second-hand sellers at 19s., c.i.f.

Sellers at 19s., c.i.i.

SENNA. — Tinnevelly LEAVES (per lb.), prime No. 1, 1s. 1½d.; No. 2 (dry crop), 9½d.; prime No. 3, 8d.; f.a.q., No. 3, 7d.; PODS, f.a.q., 7½d.; hand-picked, from 1s. 6½d. to 2s. 10d. as to quality, all on the spot. Alexandrian manufacturing rods 2s spot; small lots of hand-picked the spot. Alexandrian manufacturing pods, 2s. spot; small lots of hand-picked are from 8s.

SHELLAC.—Fine orange, 400s. to 450s. per cwt.; ex London warehouse.

STROPHANTHUS.-Kombé is 7s. and 9s. per lb. as to crop. Gratus is 12s. 6d.

TURMERIC.—Madras finger, new-crop is now offering at 185s, per cwt. Afloat parcels are quoted at 165s., c.i.f. and May-June shipment, 155s. per cwt., c.i.f.

Essential and Expressed Oils

AMBER. — Rectified on the spot is quoted at from 1s. 6d. per lb.

Angelica seed.—Price per lb. is now quoted at 260s.

BAY.—West Indian is 12s. per lb. on the spot.

BERGAMOT. — Spot quotations are now 67s. 6d. per lb.

CAJUPUT. — Scarce, Spot supplies are

15s. 6d. per lb. for 1-cwt. lots. CALAMUS. — Imported oils are offering

from 70s. per lb. CAMPHOR, WHITE. — Chinese is 2s. 9d. per lb., duty paid.

Cassia. — Original drums are about 14s. 6d. per lb. on the spot.

CASTOR. — In minimum 2-ton lots the price of pharmaceutical quality for prompt delivery is £116 per ton, naked ex mill. For forward delivery the price is

CEDARWOOD. — Scarce, Small lots on offer at 10s. 6d. per lb.

CHAMOMILE.—English oil is offered at from 270s. to 288s. per lb.

Citronella. — Ceylon is unchanged at

7s. 2d. per lb. on the spot and 7s., c.i.f. Formosan is 12s. 6d. in bond and c.i.f. Java is 12s. 9d., both in bond and c.i.f.

CLOVE.—Madagascar leaf is 10s. 9d. per B., duty paid and 9s., c.i.f., for shipment. Redistilled stem oil from 17s. 6d.; distilled bud oil, English, from 35s. to 40s.; imported, 18s. 6d. to 19s. 6d.

DILL. — B.P. English-distilled quoted at 60s. per lb. Imported oils are scarce at 36s. per lb.

EUCALYPTUS.—Australian 70 to 75 per cent. eucalyptol on the spot is 5s. 6d. per lb.; 80 to 85 per cent., 6s. Spanish, 70 to 75 per cent., 5s., duty paid.

FENNEL.—Spanish sweet on the spot is quoted from 9s. 6d. per lb.

GINGER. — English-distilled oil is 160s. per lb. nominal, with cheaper grades down to 115s. Imported oils are available at from 135s. 6d. per lb.

GRAPEFRUIT.—Australian is 14s. 6d. lb. spot; Californian, cold pressed, 20s., c.i.f., subject to licence.

LAVENDER. — Quiet. 38-40 per cent. linalol on the spot is 90s. per lb. 40-42 per cent., 100s., nominal.

LEMONGRASS.—Spot is steady at 11s. 9d. per lb. and shipment at 11s. 6d., c.i.f.

OLIVE.—Spanish virgin and pharmaceutical oils (B.P.) are offered on the basis of £214 10s. per 1,000 kilos, f.o.b., Spanish ports for prompt shipment. Spanish ports for prompt shipment. Spanish ports for prompt shipment con/Liverpool: French virgin edible or B.P., £220 per 1,000 kilos, c. and f., prompt shipment. Spot is 21s. 6d. per

ORANGE.—Quotations include: Florida, 4s. 6d.; Californian, 6s. 2d.; West African, 11s. 6d. to 19s. For shipment, Californian sweet, 6s., c.i.f., and coldpressed, U.S.P., 9s. 3d., c.i.f. subject to

PALMAROSA.—East Indian is 62s. 6d. per lb. on the spot and 59s., c.i.f. for shipment.

PEPPERMINT. — Arvensis: 38s. 6d. per lb. on the spot and 39s. 6d., c.i.f. Brazilian, 32s. 6d., spot, and 31s. 6d., c.i.f. (May-June). Italian "Mitcham" type oil is from 72s. 6d. to 80s., spot, and American 60s. to 65s.

ROSEMARY.—Spanish oil on the spot is from 5s. 3d. to 5s. 9d. per lb., duty paid, as to quality.

Rue.—Spot offers are from 14s. per lb. SAGE. — Spanish is offered at from 8s. 6d. per lb.

Sandalwood.—Mysore is 82s. 6d. per lb. spot (80s., c.i.f.); East Indian, 82s. 6d.

Sassafras. - Brazilian on the spot is 7s. per lb.

SPEARMINT. — Offers of U.S.P. quality vary between 33s. 6d. and 38s. per lb. on the spot. Dutch quoted at 32s. 6d., duty paid.

TANGERINE.—Good quality is scarce on the spot at 48s, per lb. nominal.

THYME.—Spot is about 10s. per lb.

TITREE. - Small lots are offered at 13s. 6d. per lb.

VETIVERT.—Bourbon in original drums on the spot is 87s. 6d. per lb.

UNITED STATES REPORT

NEW YORK, MAY 24: Rising bullion costs pushed silver salts higher including SILVER NITRATE at $57\frac{3}{8}$ cents per ounce (up 1 cent). The market for MENTHOL was sluggish but prices were steady for Brazilian material owing to the very high rates for Japanese supplies. Domestic crude GLYCERIN was in tight supply and good demand with prices firm. Lower per lb. among CRUDE
DRUGS were AGAR, Kobé No. 1, at
\$2.65 (down 20 cents); BELLADONNA ROOT, 35 cents (seven cents); PODOPHYL-LUM, 35 cents (two cents); and domestic Peppermint Leaves, 65 cents (10 cents). Among Aromatics, Citral was lower at \$5.25 per lb. (down 25 cents), alpha Ionone, \$5.10 (70 cents); beta Ionone, \$5.75 (50 cents); and Methyl Ionone, \$5.00 (21.15) are 11. IONONE, \$5.00 (\$1.15) per lb.

Higher per lb. among ESSENTIAL OILS were SANDALWOOD, at \$13.25 (up 25 cents), and imported MANDARIN, at \$8.00 (up 75 cents). Lower per lb. were natural Peppermint, at \$7.65 (down 20 cents), and redistilled peppermint, at \$8:10 (25 cents); Californian Orange, 60 cents (five cents); GUAIACWOOD, \$1.35 (15 cents); Californian Lemon, \$4.75 (10 cents); and SPEARMINT, \$4.20

(10 cents).

WORLD TRADE

Polish Vitamin Concentrates Plant.-Construction has started in Poznan, Poland, of the first plant for the production of vitamin concentrates.

Italian Mercury Exports. — hay exported 302 tons of mercury in the first quarter of 1955, compared with 869 tons in the corresponding period

East German-Turkish Trade.—Under a trade agreement, which is valid for the period from May 1-June 30, 1956, Turkey will receive from East Germany medicinal products and photo-graphic material of an unspecified amount.

Thailand Import Allocations.—Thailand has allocated 24.7 million U.S. dollars for the import of certain essential goods from the United States and non-Communist countries. The allocations, which form part of U.S. economic aid to Thailand, include pharmaceuticals to the value of \$750,000 and chemicals, \$860,000.

Chile to Return German Patents.-The Chilean Corporacion de Fomento recently signed an agreement whereby all German patents and trade marks confiscated by the Government of Chile during the 1939-45 war are to be returned to their former owners. Factory installations are also to be returned against the payment of an indemnity amounting to pesos 101,000,000. Part of that indemnity pesos will be paid in shares and the rest in cash.

Sicilian Sulphur-mine Strike Threat. -Sicily's 10,500 sulphur miners have announced that they would strike for twenty-four hours in protest against the concession of a rich deposit of sulphur to a large American mining company (the Texas Sulphur Co.). Italian oil prospectors discovered the sulphur last year while searching for oil at San Leone, near Agrigento, central Sicily. Lying between 413 and 442 metres underground, it was stated to be almost unique in Sicily because it could be mined by the cheap method used generally in the "flash" United States.

MISCELLANEOUS INQUIRIES

Leg Make-up

Will you please supply me with formulas for both the liquid and cream forms of leg-tan make-up? What is the method used for their application?

A LIQUID leg make-up may be prepared to the following formula:—

Mineral oil				1.0
Glyceryl mo	nostea	rate		6.0
Water				48.0
Glycerin			• • •	15.0
Titanium di	oxide	and	earth	
pigments				21.0
Talc				9.0

Heat the mineral oil and glyceryl monostearate to 160° F., add water and glycerin previously heated to 160° F., then stir until cool and mill in the titanium dioxide and earth pigments and the talc.

The following formula gives a cream preparation:

Propylene glycol	1.03
Iron oxide (cosmetic grade)	5.12
Amber	0.51
Pure titanium dioxide	3.59
Zinc stearate	1.58
Magnesium alum silica gel	82.02
Isopropyl alcohol	6.15
Perfume and preservative	q.s.

This can be applied without streaking if the leg is first moistened with water. When the make-up has dried buffing with a soft cloth will bring out a silky sheen and remove any excess of pigment.

TRADE MARKS

APPLICATIONS ADVERTISED BEFORE REGISTRATION

From the "Trade Marks Journal," May 18

For excipients being chemical bases for use in the manufacture of cosmetics, toilet preparations pharmaceutical preparations (1)

LANOCERINA, 723,486, by Esperis, S.A., Milan, Italy,

For solvents being chemical products for use in industry (1)

HOROLEX, 733,942, by Horological Solvents, Ltd., Bury, Lancs.

For chemical substances used in manufacture (1) LIXOLITE, 738,766, by J. Bibby & Sons, Ltd., Liverpool.

For all goods (1)

WOFATOX, 738,848, by Veb Farbenfabrik Wolfen, Bitterfeld, Germany.

For seed dressings (1)

SEEDOX. 739.023, by Fisons Pest Control, Ltd., Bourn, Cambs.

For chemical preparations for treating, preserving, shrink-resisting, hardening and waterproofing cement, cement mortar and concrete (1)
Device, 739,384, by Clodol Industries, Ltd.,

Newcastlc-on-Tyne.

For depilatory preparations (3)
PELLEX, B732,830, by Pellex Inc., Maine.

For flexible coated abrasives (3) DURABONDED, 738,019, by Norton Co.,

Massachusetts, U.S.A. For pharmaceutical preparations and substances

DEXATONE, 717,533, by Smith, Kline &

French International Co., Delaware, U.S.A. RUTIBION, 736,567, by Rheinchemie G.m.b.H., Heidelberg, Germany.

For disinfecting devices for attachment to tele-

phone mouthpieces (5) STERIPHONE, 738,027, by Hubert David O'Connell, Sydney, Australia.

For all goods (5)
WOFATOX, 738,849, by Veb Farbenfabrik
Wolfen, Bitterfeld, Germany.

For plaster of Paris (19)

ACOUSTUCO, 729,417, PERLOPLAST, 729,419, THERMOPLAST, 729,421, by Astroplax, Ltd., Belfast, Northern Ireland.

COMING EVENTS

Items for inclusion under this heading should be sent in time to reach the Editor not later than first post on Wednesday of the week of insertion.

Sunday, May 29

LONDON PHARMACY RAMBLERS, meet at Paddington station, London, for 9.50 a.m. train, arriving Minehead at 2 p.m., for ramble via Exmoor and the Somerset coast, Return train leaves Minchead 11.25 p.m., arriving Paddington 6.35 a.m. next morning.

Tuesday, May 31

LIVERPOOL CHEMISTS' ASSOCIATION and BRANCH, Adelphi Hotel, Liverpool, at 7.30 p.m. Annual meeting of the Association; at 8 p.m., annual meeting of the Branch.

Wednesday, June 1

BRITISH PLASTICS EXHIBITION, Olympia, London, W.14. Open until June 11.

EAST METROPOLITAN BRANCH, PHARMACEUTICAL SOCIETY, Stratford Church Institute, 27 Romford Road, London, E.15, at 8 p.m. Annual

SCOTTISH DEPARTMENT, PHARMACEUTICAL SOCIETY, York Place, Edinburgh, at 2.30 p.m. Annual meeting and Branch Representatives' meeting.
Mr. J. B. Grosset on "The Challenge of
Health Centres to Retail Pharmacy."

Thursday, June 2

CHEMICAL SOCIETY, Burlington House, Piccadilly, London, W.1, at 7.30 p.m. Centenary lecture by Professor H, C. Brown, Ph.D. (Purdue University, Indiana, U.S.A.) on "Chemical Effects of Steric Strains,"

Advance Information

LONDON PHARMACY RAMBLERS are walking twelve miles on the South Downs via Polegate and Firle on June 5.

C. & D. WEEKLY LIST OF PRICES

A=Advanced; R=Reduced; I.R.P.-Inclusive Retail Price; *=Tax 25 per cent.; ‡=Tax 50 per cent.; †=Tax 75 per cent.

BOOTS PURE DRUG CO., LTD. (from May 19) Viules pituitary (posterior lobe) extract, 5 units

				Eac	Each		I.R.P.		
	6 x	1	c.c.	2	0	3	0	R	
	100 x	1	c.c.	24	0	36	0	R	
10 units	6 x	1	c.c.	2	6	3	9	R	
	100 x	1	c.c.	36	0	54	0	R	

WRIGHT, LAYMAN & UMNEY, LTD. (from June 1)

Doz. 16 0 15 9 *A* Calcinate tablets 60 3-doz, bottles

P.A.T.A. PROTECTED LIST

(Prices notified this week by the Proprietary Articles Trade Association.)

W. R. CARTWRIGHT, LTD. (addition) Doz. 12 6 Pacific pain balm* 1 oz. 2 3

INTERNATIONAL LABORATORIES, LTD.

Doz. 18 0 12 Relaxa-tabs*

RIDGE'S FOOD, LTD. (from June 1) Ridge's food, plain or 2 9 A 25 0 malted 1 lb.

Addition:—
Ridge's food plain ½ lb, 15 0 1 9

NEW PRODUCTS AND PACKS BAYER PRODUCTS, LTD.

5 x 20 c.c. Hypaque THE BRITISH DRUG (distributors) HOUSES. LTD. 2 6 22 0 Shelltox 128 oz.

CELLUCOTTON PRODUCTS, LTI Gross Kleenex tissues 24 32 0 LTD.

CREME SIMON (DISTRIBUTORS), LTD. Ricil's cosmetique pour cils (mascara)† Doz. 6 9 4 6 3 3 4 11 4 9 2 8 36 24 17 refill handbag size eye shadow cyelash cream evebrow pencil†

0 4

RIKER LABORATORIES, LTD.
Serpiloid brand reserpine Ea
tablets 1 mgm. 100 53
1,000 448
3 mgm. 100 134
5 mgm. 100 221 Each 53 4

STEINER, LTD. Creamy Way cleansing cream† Face to Face conditioning

cream† Refresh skin tonic† Milky Way cleansing milk†



for hay fever

NEOPHRYN

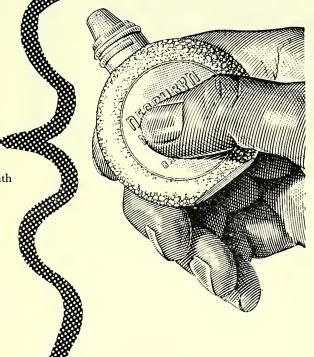
-now with Antihistamine

Increasingly these days NEOPHRYN is becoming the drug of choice for many people with hay fever. Theirs is an expected choice— a wise one too—because NEOPHRYN has been designed to penetrate and free those blocked nasal cavities without any undesirable side-effects.

Now a preparation is available that combines this powerful action with the anti-allergic activity of a new antihistamine, thenyldiamine hydrochloride, evolved and introduced for the first time in this country by Bayer. There's no difficulty about its name — simply say

NEOPHRYN SPRAY WITH ANTIHISTAMINE

... your customers will welcome the symptomatic relief it so safely and certainly brings.



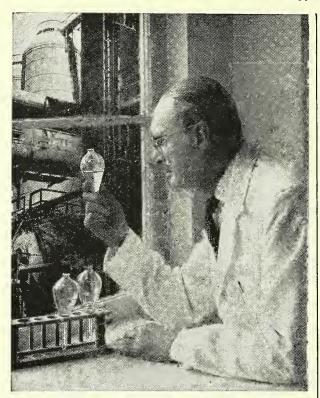
Neophryn*

NASAL SPRAY
WITH ANTIHISTAMINE

*Also available without antihistamine as drops and spray

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'If it were not for these little things...'

"...we wouldn't get far with that plant. It's the research work that produces the new motor fuels and new additives, and gives the motorist his extra speed and smoother running."

'... and it's the scientific glassware in the laboratory that counts for most in all initial pilot work. This glassware must be reliable, must be precise, must be strong. A broken measure in the middle of an experiment may ruin everything!'

'That's why we always use 'PYREX' Brand Glass in our Laboratories. It is heat and acid proof, and with its low coefficient of expansion it can be made so robust that breakages are few and far between.'

'PYREX' brand laboratory glassware is made only by James A. Jobling & Co. Ltd., Sunderland

Large new catalogue FREE
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The new Beatson Ribbed Oval carries on the tradition of the increasingly popular Beatson Medical.

Available in a wide range of sizes, both Cork Mouth and Screw Neck, with either White Enamelled or Black Plastic Caps.

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Good Bottle"

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ESTABLISHED 1751

Glass Bottle Manufacturers

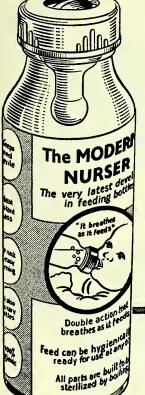
ROTHERHAM

YORKS

B.C.73

The latest development

in bottle feeding



The very latest development in feeding bottles, the Cannon 'Modern' Nurser "breathes as it feeds". Fitted with the famous 'Modern' Teat, both the bottle cap and teat screw down into place allowing air to enter through the specially designed flange.

The Nurser is safe and sterile — always ready for the feed. The teat is simply inverted into the neck of the bottle and the cap screwed firmly down—the feed will remain sterile until required.

When baby is ready, the feed is warmed by placing the nurser into hot water; then the teat is snapped into position and the 'Nurser' is ready for feeding.

These important points have ensured the success of the

'MODERN' NURSER

KEEPS FEED STERILE

Hygienic plastic cap and disc keep feed and teat safe from infection.

SPECIAL 'MODERN' NURSER TEAT With ribbed flange for feed control, also fits ordinary type bottles.

CALIBRATED BOTTLE

Marked in ozs. and ccs. Also available in heat-resistant glass.

WIDE NECK, EASY CLEANING

Allowing the teat to be inverted and sealed hygienically for storage and travelling.

'IT BREATHES AS IT FEEDS'

Controlled feeding is ensured by the

special valve flange which allows air to enter into the bottle.

EXTRA TEATS

The special teat for the 'Modern' Nurser is available separately. Retail price 8d.

ATTRACTIVE PACK—FULL DIRECTIONS

The 'MODERN' NURSER is complete with clear glass bottle and calibrations, in attractive blue and pink cardboard sleeve, special 'MODERN' Nurser Teat, plastic cap and sealing disc, with fully illustrated directions for use.



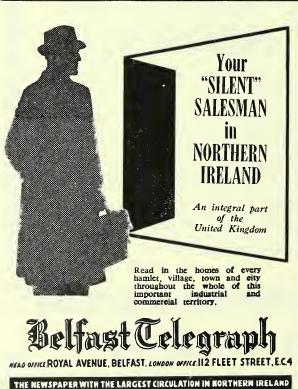
The 'MODERN' NURSER

Retails at 2/3 each, also in heat-resistant glass at 3/6 each FROM YOUR USUAL WHOLESALER

CANNON RUBBER MANUFACTURERS LTD Ashley Road, Tottenham, London N17











- Issues a receipt for every customer
- Counts the number of sales
- Gives a complete record of the days takings
- Metal construction. Fully guaranteed

The outstanding feature of the Petco till is the duplicate receipt issued for every transaction; this ensures that the exact money taken must go into the drawer. In addition, a device which operates each time the drawer is opened, records the total number of sales and indicates if there has been unauthorised access to the till. All you have to do is to record the amount of the sale and press the release bar. Immediately and automatically the cash drawer springs open ... the warning bell rings ... the sales record moves up under the window ... a receipt is issued for the customer and the counting device records the further sale.

The till that makes mistakes obvious

Price 16 gns.

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Only the clear waters of Scottish Lochs are used in the crystallization of Jarvie's Quinine Salts

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Tablet Company

Makers of Contraceptive foam Tablets of the highest standard . . .

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-the new accessory that every Motorist wants! Manufacturers: FISH OPTICAL CO. LTD.*

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★Makers of the world-famous 'SUNGARD' Sunglasses

ITUNA SUGAR CANE MOLASSI

packed in glass jars for convenience and better protection

available in various sizes

SELLING AGENTS

Jeffreys, Miller and Co Limited

Leyland Mills Wigan also at 19-25 Brookside Road Upper Holloway London N19

fine chemicals and drugs

Adrenaline, Benzocaine, Carmine, Diastase, Pancreatin, Papain, Papaverine, Pepsin, Phenazone, Piperazine, Procaine, Saffron, etc.

essential oils

Aniseed, Bay, Cajuput, Juniper, Peppermint, etc.

dega brand specialities

Terpeneless Oils **Perfume Concentrates**



CHAS. ZIMMERMANN & Co. Ltd.

DEGA WORKS, WALMGATE ROAD, PERIVALE, GREENFORD, MIDDX.

TELEPHONE: PERIVALE 9121 (4 lines)

Telegrams: Acidolan, Greenford

They need RADIARAY

INFRA RED and RADIANT HEAT LAMPS



Attractively designed, soundly constructed from first-class materials and beautifully finished. Wide range includes two Tax Free Prescription Models.

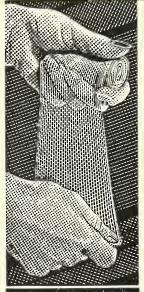
Quick delivery assured.

Retail prices from 69/6 Incl. Tax

Illustrated brochure available from Dept. 4.

Hinders Limited
174/192 Estcourt Rd., London, S.W.6 Est. 1919





When they ask for 'elastic net' they mean LASTONET

ELASTIC NET BANDAGE Supplied with ordinary National Health prescription. The fine Lastonet elastic net provides firm, constant support without restricting movement.

METATARSAL PAD Chamois covered foam rubber pad with band of Lastonet. Exerts corrective influence to relieve arch strain and tired feet.

ARCH BINDER Affords relief in cases of strained arches.

FINGER STALLS Require no strap or binding. In five sizes.

ADJUSTABLE BRACE ATTACHMENT Elastic. For male wearers of surgical stockings.

Liberal discount to all stockists



CARN BREA, REDRUTH, CORNWALL

NATIONAL FORMULARY B.P. and B.P.C.

PASTILLES

AND

LOZENGES

are always available in ample supply.

GIBSON'S SUPER QUALITY

"DIABETIC" SUGARLESS PASTILLES
"MECCA" COUGH PASTILLES

GIBSON'S CHOCOLATE WORM CAKES
GIBSON'S LINSEED, LIQUORICE AND
CHLORO. LOZENGES

GIBSON'S SPECIAL CATARRH PASTILLES

ROBERT GIBSON

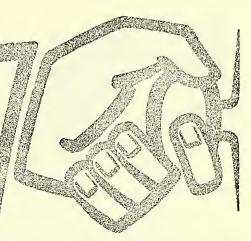
& SONS LTD.

MANCHESTER & LONDON

The NEW

G.B.-Bell & Howell

8 mm Cine Camera



opens the door to a vast new HOME MOVIE MARKET...

With a superb cine camera for only £28. 16. 4 and a companion projector at £35.0.0, G.B.-Bell & Howell bring movie-making to the millions! Think what this means to you. National advertising will spread the news throughout the country and you will be backed by first-rate promotional support. Be ready for a really BIG demand.



G.B.-BELL & HOWELL

MODEL 624 8 mm CINE
CAMERA

As easy to use as a snapshot camera · Setting dial automatically sets the lens · Picture window viewfinder gives life-size picture of scene being filmed · 3-way starting button—normal run, single frame, continuous lock run · Wide angle 10 mm t/2.3 lens · Footage counter · Ultra-simple threading · Long film run

£28.16.4 INC.

Don't lose a moment! THIS NEWS MEANS MONEY TO YOU. Get further details today from:



and the perfect companion
G.B.-BELL & HOWELL

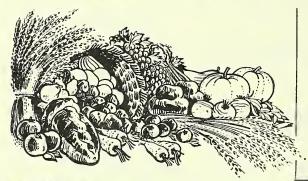
MODEL 625 8 mm PROJECTOR

Beautifully styled · Designed for effortless operation plus unparalleled performance · Brilliant 500 watt illumination · f/1.6 colour-corrected lens · Error-proof threading · 400 ft. spool capacity · Plugs directly into AC mains.



DEPT. CD/5/55, MORTIMER HOUSE, 37-41 MORTIMER ST., LONDON, W.I. MUSEUM 5432

SUPPLEMENTING NATURE ...



FELOPAN (Orange-coated Tablets)
For routine or for subsequent therapy.

FELOPAN COMPOUND (Blue-coated Tablets) For initial use in severe cases only.

The combination of bile salts and pancreatic enzymes in FELOPAN stimulates normal peristalsis and readily relieves chronic constipation. The two forms of FELOPAN—with and without mild laxatives—provide the complete treatment for breaking the cathartic habit and correcting intestinal indigestion.

FELOPAN

a supplementary source of bile salts and pancreatic enzymes

Packings: 100, retail price 3/6d. + 7d. tax; 1,000 dispensing pack.



COATES & COOPER LTD PYRAMID WORKS, WEST DRAYTON, MIDDX.



THE ORIGINAL

WIDOW WELCH'S FEMALE PILLS

Over 10d BOX PROFIT by ordering I dozen 4/I size. Bonus given on every dozen (I3) it pays to push this size.

Established 1787 in the Reign of King George III C. & G. KEARSLEY LTD.
71 DARTMOUTH ROAD, LONDON, S.E.23

WILES CAT FOOD

QUALITY IMPROVED NEW RETAIL PRICE

From April 11th 8 per car

TERMS ON APPLICATION

C. WILES Ltd., WOODMANSEY, BEVERLEY, E. YORKS

TANNIC ACID

AND DERIVATIVES

THE BRITISH DYEWOOD COMPANY LIMITED

19 St. VINCENT PLACE, GLASGOW CI



Manufacturers of :-

COMPRESSED MEDICINAL TABLETS

- QUALITY AND ACCURACY GUARANTEED
- MODERN PLANT PROMPT DELIVERY

HOME and EXPORT ENQUIRIES INVITED

Specialists in the preparation of tablets to customers' own Formulæ.

G. O. WOODWARD & CO., LTD.

MANUFACTURING CHEMISTS

LARKHALL WORKS, MORRISH ROAD BRIXTON HILL, LONDON, S.W.2

Telephone: TULSE HILL 9481-2-3

Why you should try the Mirror Toothbrush yourself

F you are as honest as most pharmacists you will be quick to admit that, although you know the backs of your teeth need cleaning just as much as their fronts, it is very doubtful if they get the attention they need.

The fact is that, without looking at the backs of your teeth, you cannot even see *where* they need cleaning, let alone do the job really properly.

That is why we have introduced the Wisdom Mirror Brush. This consists of a Wisdom Flextron toothbrush with a dental mirror at the other end. It is a simple and obvious idea but the difference it makes to tooth-cleaning is amazing. For the first time you can see the backs of your teeth—where most dental troubles start. You can see the danger spots that need attention most—and watch the progress you make in cleaning them up.

If only for the difference it can make to your own teeth you should try the Wisdom Mirror Brush. But the Mirror Brush is equally valuable to all your customers who still have their own teeth. That means it can be a very profitable line to handle. Big space advertising for the Wisdom Mirror Brush will shortly be appearing in all the leading nationals. Put it on display on your counter and tell your customers about this important innovation in dental hygiene. Retail price is 2/6. Mirror Toothbrush orders count towards Wisdom quantity terms in the usual way.



BOTH ENDS of the new Mirror Toothbrush serve to make teeth look brighter! At one end, a handy dentist-type mirror for close inspection of danger spots in out-of-the-way places; at the other, wisdom's now-famous springy Flextron tufts. Each brush comes in its own smart plastic pack.



ADDIS LIMITED, BRUSHWORKS, HERTFORD

THE CORRECT-SHAPE TOOTHBRUSH



IMPORTANT
ANNOUNCEMENT

TS25

BROOKS AND WARBURTON LTD.

New address

MORDEN ROAD · MITCHAM · SURREY

Telephone: Offices: Mitcham 3466 · Order Dept.: Mitcham 3499

These modern and spacious new premises in Mitcham will enable us to carry a most comprehensive stock and to give a prompt and efficient Service to all our friends.

ETHICALS, PROPRIETARIES, SURGICAL, GENERAL SUNDRIES, AND ALL PHARMACEUTICAL REQUIREMENTS.

PANELLED FLATS
1-oz. to 4-oz.

VIALS
½-oz to 3-oz.

WHOLESALE ONLY

TRADE MARK



leadership in obstetric and gynæcological pharmaceuticals

Aci-jel: For restoration and maintenance of normal vaginal acidity. Bland, non-irritating highly buffered acid jelly for topical use in treatment of vaginitis.

Aci-Jel: 85 gm. tube with or without applicator.

Triple Sulfa Cream: For bacterial vaginal infections. Combines three sulphonamides with urea peroxide for more effective control of a wide variety of vaginal pathogens. Relieves symptoms promptly, eliminates malodorous discharge. Triple Sulfa Cream: 80 gm. tube with or without applicator.

Dienoestrol Cream: Vaginal oestrogen therapy for senile and atrophic vaginitis and postmenopausal pruritus vulvae. Contains 0.1 mg. of the synthetic oestrogen dienoestrol per gram of cream base.

Dienoestrol Cream: 80 gm. tube with or without applicator. Also available in 28 gm. tubes for general application as prescribed.

Massé Nipple Cream: For prevention and treatment of cracked nipples. Contains the safe, effective antiseptic 9-amino acridine and allantoin. Dainty, aesthetic, emollient and healing. Does not interfere with nursing. Ideal for antepartum nipple conditioning and postpartum nipple care. Massé Cream: 28 gm. tube, individually boxed.

Hexital: For relief of menopausal symptoms. Combines 3 mg. of the synthetic oestrogen hexoestrol with 20 mg. of phenobarbital. Oestrogen effect plus mild sedation provide more complete control of menopausal symptoms. Hexital: Bottles of 100 and 500 tablets.

Nidoxital: Controls nausea and vomiting of pregnancy with pyridoxine, dl-methionine, nicotinamide, benzocaine, and pentobarbital. Effective relief in 24 to 72 hours in most cases. Nidoxital: Bottles of 12, 20 and 100 capsules.

Rarical: (Ferrous Calcium Citrate Tablets). Provide an improved source of iron and calcium for the anaemic, pregnant, aged or juvenile patient.

Rarical: Bottles of 50, 100 and 1000 tablets.

Nutri-Sal: A Ringer-type/glucose douche designed to promote fertility in selected cases by virtue of its ability to enhance sperm survival and migration.

Nutri-Sal: Packages of 3 vials, each sufficient for 1 pint douche solution.

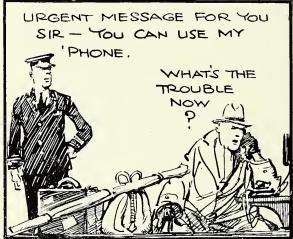


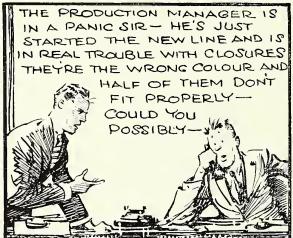
Ortho Pharmaceutical Limited

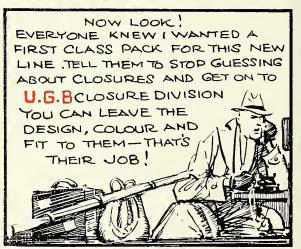
HIGH WYCOMBE · ENGLAND

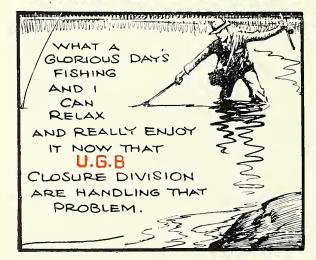














UNITED GLASS BOTTLE MANUFACTURERS LTD

8 LEICESTER STREET, LONDON, W.C.2

Telephone: GERRARD 8611 (18 Lines)

Telegrams: UNGLABOMAN, LESQUARE, LONDON



HICKS

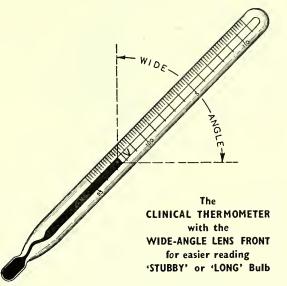
CLINICAL THERMOMETERS



Over a century of experience has contributed to the making of this excellent clinical thermometer with the following features:—

- ACCURACY
- EASY TO READ WIDE-ANGLE MAGNIFYING LENS-FRONT
- CLEAN, LEGIBLE DIVIDING
- PERMANENT FILLING

During the past few years export demands have absorbed total output, but as a result of factory expansion production has been increased, and HICKS world-famous clinical thermometers are now available for the home market.



Heath, Hicks & Perken (THERMOMETERS) LTD.

NEW ELTHAM, LONDON, S.E.9.

Telephone: ELTHAM 3836

Telegrams: "OPTIMUS, Souphone," London.



Pritchards D. D. T. SPRAY-A-MIST

Profit by the demand for this handy Plastic Sprayer designed specially for use with Pritchards D.D.T. Fly Spray which is scented, refreshing, hygienic and safe. Attractively packed in Display Cartons of $\frac{1}{2}$ dozen Outfits with sales literature, etc. (Extra refills, 8 oz. 1/3d.) 3 dozen and 1 dozen Displays.

Price, 1 Sprayer and 8 oz. Bottle 3/9

PRITCHARDS, LTD.

PRITCHARDS TRUSTY PRODUCTS 100 YEARS EXPERIENCE



cash in on "hair consciousness" INECTO

Colour Crème

Now available for counter sale in all shades

Complete and ready for use with Picture Directions. Obtainable from your wholesaler

> PRICE 3/4 PLUS P.T. **RETAILING AT 7/6**

ENQUIRY BUREAU Inecto House, 27 Dover Street, London, W.I

HYDe Park 7541 (12 lines)

PEROIDIN

Brand of

POTASSIUM PERCHLORATE

Inhibits the ability of the thyroid to store iodine(1) and is thus of value in controlling Thyrotoxicosis and in the treatment of hyperthyroidism.

(1) LANCET 1954,1,749.

Presentation: Tablets each containing 200 mg (normal) or 50 mg. Packing: Bottles of 100, 500 and 1,000.



MATTHEWS & WILSON LTD. 6-8 COLE STREET, LONDON, S.E.1

"ZORBO" (REG'D)

Superfine Cotton Wool

This is a very old Trade Mark of ours and a product for many years in use by the Medical Profession and all those requiring a First Class Superfine Cotton Wool. Now packed in attractive white Cartons in various sizes and would be readily acceptable to your more exacting customers.

> Of course this is just one of our Manufactures. We also supply in Cartons all BPC Dressings in Cotton Wool, Lint and Gauze.

Our Products are obtainable from Wholesalers, but should you have difficulty a line to us will have prompt attention.



METHYLCELLULOSE WAFERS



SPECIAL BONUS TERMS

Available until 31st July 1955

OFFER NO. 1

12 packs 'Melozets' Wafers invoiced as 11.

6/- EXTRA PROFIT

OFFER NO. 2

36 packs 'Melozets' Wafers invoiced as 32.

£1/4/- EXTRA PROFIT

'Melozets' will give you approximately 40% profit on turnover

Supplied in attractive packs containing 24 wafers retailing at 6/- plus 1/- purchase tax.

Chemists' discount 33\frac{3}{3}\%.

'Melozets' are being energetically detailed to Medical Practitioners and an increasing demand for this original and widely accepted product is certain.

Literature and professional package gladly sent on request.

SHARP & DOHME LTD., HODDESDON, HERTS.

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ferrania

SUPERPAN FILMS

for speedy sales

ROLL FILMS. Superpanchro F20 2/11, F620 2/11, F27 2/7, F16 3/8, F616 3/8, F29 2/11.

35 mm. FILMS. P.3 Fine Grain Pan, and S.2 Superpanchro cassettes, 36 exposures, 8/9. Refill, 36 exposures, 4/6. Refill, 3 x 36 exposures 12/1. Refill, 10 x 36 exposures, 36/11.



ferrania CAMERAS



IBIS 27 ... £3 15 @



ELIOFLEX ... £11 18 6

NEVILLE BROWN & CO., LTD.

77 NEWMAN STREET · LONDON · W.I Telephone : LANgham 7161 (10 lines)



FLYDAKI kills flies cleanly!

YOUR CUSTOMERS WILL HANG UP A FLYPAK now impregnated with FOUR most powerful insecticides:—D.D.T., Gamma B.H.C., Pyrethrins, Paradichlorbenzene, PLUS D.C.M.X. to attack the germs and bacteria carried by the flies. Flypak is attractively packed, pharmaceutically elegant, easy to hang up, and has a pleasant smell. It comes in display outers containing 3 doz. Anticipate the big summer demand by placing your order NOW!

DEADLY TO MOTHS TOO!

4/- per doz. (minimum order 3 doz.)

SPECIAL BONUS OFFER

An order for I gross or more received by 31st MAY, 1955 brings you an EXTRA 5% DISCOUNT

Sole Distributors:

DALMAS LTD., Junior Street, LEICESTER.
Also 140/142 St. John Street, London, E.C.I.

Tel. 65261. Tel. Clerkenwell 3399



A BOLD **DISPLAY**

BRINGS

BIGGER PROFITS!

You'll sell your HINDS on sight, if you make a mass display of these eye-catching CORAL-PINK packs in your windows and on your counter!

Yes, Hinds will bring a bright splash of colour to your shop, and send up your sales too! So be sure to arrange appealing Spring displays using these smart tubes and jars and classical bottles supported with Hinds attractive show material in pink and yellow. Please write us if free show material is required. Remember —bold displays will certainly bring bigger profits to you!

'HINDS' HANDS WIN NATION-WIDE CONTEST Smooth white hands, cared-for with Hinds, were voted the loveliest 'Hands of the Year' in a recent London contest. A panel of celebrities awarded first prize to Hinds user, Miss Anne Holland-Hughes of Manchester. Here she is, showing off her lovely 'Hinds hands' which won her a handsome cash prize and a Television appearance.

Hinds and crea

WITH LANGLIN

HINDS HONEY AND ALMOND CREAM. LEHN AND FINK (PRODUCTS) LTD., RAYNES PARK, S.W.20.





FLEXIBLE FIRST-AID DRESSING

In the Extra Hygienic Pack!



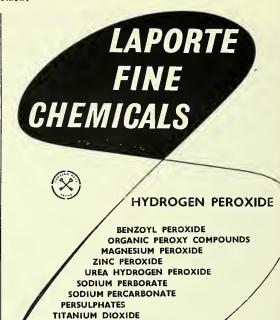
Arrange through your WHOLESALER to stock and display HELVIA Flexible Dressing available in this attractive pack. More compact ... more convenient ... more hygienic ... it's the last word in modern first-aid dressing.

Made up in continuous lengths of 1 yard— $1\frac{1}{2}$ ", $2\frac{1}{2}$ ", and 3" wide.

Ideal for home, Sport, Motoring and all occasions when a small pack is required.

Sold only through leading Chemists

LESLIES LTD. WALTHAMSTOW LONDON E17
Estab. 1823



Laporte Chemicals Ltd., Luton. Tel: Luton 4390. Cables: Laporte, Luton

BARIUM SULPHATE B.P. SODIUM LAURYL SULPHATE EMULSIFYING WAXES



GERARD BROS. LTD. NOTTINGHAM

Independent Soap Makers since 1876



The bland cleansing action of

'ETHISAN' on the skin and on the scalp makes it of

TRADE MARK

great value wherever skin lesions are present and soap is inappropriate. 'Ethisan' is neutral, pleasant and easy to use, and odourless. It is most effective in removing scurf, when it can be used in the same way as a shampoo.

Sodium lauryl sulphate B.P. (6-56 per cent.), 'Lanette' Wax SX (0-938 per cent.) in aqueous solution/suspension

In 4-oz. bottles, Retail price 3/- (including P.T.); 8-oz. bottles, Trade price 38/6 dozen (P.T. $9/7\frac{1}{2}$ dozen); 80-oz. bottles, Trade price 22/6 each (P.T. $5/7\frac{1}{2}$ each).



Have you seen

new beautifully designed show card size 23" x 17½" in 6 bright colours?

Supplied with two side panels each 17"x10½" the whole making an attractive window display, or can be used separately as counter show cards.

NOW IS THE TIME

to make a window display and ensure a steady flow of repeat orders for "AUTUMN SUN,"

the Malt and Oil with the taking flavour.

The complete set is FREE; ask our representative or write direct, sent post free.

EDME LIMITED

IMPERIAL HOUSE

84-86, REGENT STREET, LONDON, W.I
Works: Mistley, Essex.

THE MODERN TREATMENT
SHAMPOO
SHAMPOO
THE HAIR
AND SCALP





NUCTA OIL

THE SOAPLESS OIL SHAMPOO

AVAILABLE FOR COUNTER SALE

in 4 oz. size selling at ... 2/9½

(19/- per doz. plus tax)

In 8 oz. size selling at 4/4 (29/8 per doz. plus tax)

ALSO FULL RANGE OF
TOILET SPECIALTIES
VIOLET OIL, HAND LOTION,
AFTER SHAVING LOTION, ETC.

Obtainable from your usual wholesaler

Manufactured by

STEWART, GOODALL & DUNLOP LTD.
12 IA PRINCES STREET — EDINBURGH



CONSISTENT advertising, backing a product approved by members of the Medical and Nursing professions, and needed by Mothers everywhere, has made FEEDRITE FEEDING Bottles and Teats a necessity.

Complete FEEDRITE BABY FEEDER OUTFIT FEEDRITE SPARE BOTTLES FEEDRITE SPARE THERMAL HEAT RETAINING PAD SETS FEEDRITE ANTI-COLIC TEATS Cherry or Straight FEEDRITE RUBBER

FEEDRITE LTD., 300 KINGSTON ROAD, MERTON PARK, LONDON, S.W.20.

Tel: LIBerty 3443

Something they can trust

The public likes something reliable, something with dependable high quality. A faithful following is the public's response to trustworthy products that give real satisfaction. Such is the popularity of

CUTICURA SOAP **CUTICURA OINTMENT CUTICURA TALCUM POWDER** CUTICURA SHAVING STICK

There is a growing circle of discriminating people who appreciate high quality and insist on these soothing, protective, fragrant, mildly medicated Preparations, for care of the skin. Just display one each of these eye-catching firm family favourites in your attractive window, and make sure this steady all-the-year-round business comes your way.

CUTICURA SOAPS, OINTMENTS AND SHAVING STICKS HAVE ALWAYS CONTAINED CHLOROPHYLL

BRILLIANT COLOUR PHOTOGRAPHY

in almost any weather conditions

RAYCOLOR Reversal Transparency Film

A wonderful new colour film that is certain to give you first-class results, for it has been developed specially for use in this country.

It is a new type monopack-transparency material of very high speed (25° Sch.—16 Weston) calculated by practical tests to allow for British climatic conditions, even with an **inexpensive** camera. Exposures in the order of 1/100 sec. at f/8 in summer and 1/25 sec. at f/8 in winter are possible.

120 or 620: 8/9 plus 3/- P.T. 35 mm. 20 exposures refill: 8/- plus 2/9 P. Tax. All sizes available in two types, "D" for daylight and "A" for use with photo-floods.

FROM YOUR PHOTOGRAPHIC DEALER

Distributed by:

RAYCOLOR HOME PROCESSING SETS

Enough for several films, Part one 5/-.
Part two 6/-. The keeping properties of the made-up solutions are exceptional and even after use will keep for several weeks.



Roast Lamber

We stock Mint as well as most other Culinary Herbs; Spices and Essential Oils.

BROME & SCHIMMER

7, LEATHER MARKET LONDON, S.E.I

HOME TRADE



EXPORT

QUILLAYA BUCHU RAUWOLFIA Serpentina Benth

and all other Botanicals, Gums, Waxes, Essential Oils and Spices

JOHN KELLYS (LONDON) LTD. 24 OLD BROAD STREET, E.C.2

> Telephone: LONdon Wall 6585 (4 lines) Telegrams: "Ergotine, Stock, London"

NEW YORK · HAMBURG

Successful new fashion campaign means bigger Dip sales for you!



A tip for your customers!

Young mothers, career girls and working wives are among the women who know the advantages of DIP. It's quick and easy to use, protects fabrics against dirt and wear—and one DIP-starching lasts up to 10 washes! DIP saves time and labour for busy women everywhere!

Eye-catching DIP advertisements, featuring the latest 'crisp-look' fashions—like the dress you see here—are appearing in the Radio Times, the national dailies and all the women's magazines. This regular DIP advertising is creating an ever-increasing demand for DIP among fashion - conscious women (and that includes all your women customers too!)

DIP sales keep on soaring! Get your share of this vast new market! Stock up with DIP, display DIP, sell DIP!





DIP is the modern plastic starcher and only 1/9d. a bottle.

the long life starcher LASTS UP TO 10 WASHES

CHEMIST AND DRUGGIST CLASSIFIED ADVERTISEMENTS

Supplement

28 ESSEX STREET, STRAND, LONDON, W.C.2

ORRIDGE COMPANY **&**

184 STRAND, Tel.: TEMple Bar 9212/3 & 6340

CHEMIST BUSINESS TRANSFER AGENTS AND VALUERS WHOLESALE AND RETAIL BRANCHES: BIRMINGHAM · SOUTHAMPTON · LIVERPOOL · SHEFFIELD · CARDIFF Irish Representative: Mr. J. A. Bassett, Ph.C., 57 Great Victoria Street, Belfast, Northern Ireland. Tel: Belfast 27078

PREMISES FOR SALE

17/6 for 36 words (min.) then 4d. per word.

AT HILLINGDON, MIDDLESEX. Premier main-road position. Large shop with splendid living accommodation. In last stages of con-Bring accommodation, In last stages of considered struction, Completes pre-war parade, Considered eminently suitable for chemist, To be sold Freehold, Apply Sole Agents: P, N. Dewe & Co., 11 Crescent Parade, Uxbridge Road, Hillingdon, Middlesex, Tel.: Uxbridge 5531-2.

FREEHOLD SHOP PREMISES in popular East London suburb. Occupying a multiple position close to stall market, Large shop with extensive accommodation over, entirely redecorated. Price £7,250. Full particulars from Box C 2551.

SHOP, 26 HAYMARKET TERRACE. Single-windowed shop (presently used as a drug store) on main thoroughfare; good back premises: Rent £50; feuduty £11, Seen any time during business hours, Early occupation. Offers to Gray, Muirhead & Carmichael, W.S., Edinburgh and Dalkeith,

BUSINESSES FOR DISPOSAL

17/6 for 36 words (min.) then 4d. per word. Box 2/-

CROYDON. Drug store, herbal and photo business, Main road, bus stop, Smart shop, Good living accommodation, Net profit £720. Price £850, plus s.a.v, (about £630), Owner retiring, "R," 309 London Road, Croydon.

retiring, "R," 309 London Road, Croydon. C 2409

HERTFORDSHIRE. Unopposed business for sale owing to death of proprietor; trustees anxious to close estate, and prepared to accept low price for immediate sale; living accommodation with three bedrooms, bathroom, etc.; moderate rent; business very easily conducted; stock and fixtures recently valued at approximately £1,025, Box C 8617.

IMMEDIATE SALE REQUIRED of oldestablished chemist's business, At present being run as a branch, Current turnover £2,500, Stock and fittings at valuation. Capable of considerable expansion under young energetic owner, The freehold property may be purchased or taken on long lease, Applications to the auditor, together with bank references:—A, W. Harrison, F.A.I., Bank Chambers, 10 Silver Street, Gainsborough, C 2565

PEMBROKE DOCK. Large double-fronted business with two flats above, Turnover has been £1,000 a month, Will accept first offer, Chemist, 56 Bush Street, Pembroke Dock, C 2552

APPOINTMENTS

18/- per half-inch (min.) and pro rata. Box 2/-

BOSTON COMBINED HOSPITALS (319 Beds)

Pharmacist

required Modern department, Nationally negotiated conditions and salary, at present £450 x £25(5)—£575,

Apply stating age, qualifications, experience (if any) and names of two referees, to the Hospital Secretary, Boston, General Hospital, Boston, Lines.

Locum welcomed for interim period, salary C 8528

CENTRAL ELECTRICITY AUTHORITY

EAST MIDLANDS DIVISION
Applications are invited for the position of Station Chemist at Staythorpe Generating

EAST MIDLANDS DIVISION
Applications are invited for the position of Station Chemist at Staythorpe Generating Station, near Newark. Notes.
Candidates should be Associates of the Royal Institute of Chemistry or hold an equivalent qualification and must have had previous experience in a position of responsibility in a nower station laboratory.
Candidates should be familiar with the analysis of coal, oil and water and with the interpretation and application of the analytical results. Experience with problems arising from high pressure, high temperature operation and with their solution is desirable.
Salary in accordance with Class J, Grade 7 (£900-£975 per annum) of the National Joint Board Agreement and the position is pensionable within the provisions of the Central Electricity Authority and Area Boards Superannuation Scheme.
Applications should be submitted on the official form A,E.6/ACT which may be obtained from the Divisional Establishments Officer, Central Electricity Authority, P.O., Box 25, Barker Gate, Nottingham, and should be returned to the undersigned by June 7, 1955, Please quote Vacancy No, 78/55/C&D.

L, J. EFFREY,
Divisional Controller.
C 8545

CITY OF LEICESTER EDUCATION COMMITTEE, COLLEGE OF TECHNOLOGY AND COMMERCE Principal: R, E, Wood, M.Sc., F.Inst.P. Assistant Lecturer (Grade B) in Pharmaccutical subjects, Applicants should be graduates, or the equivalent; some teaching experience is desirable.

able. Salary in accordance with the Burnham Scale for Grade B Assistants, i.e., £525 x £25 to £820 per annum, with additions for degree and training, and increments for approved teaching and

ing, and increments for apparent industrial experience.

Forms of application and further particulars may be obtained from the Registrar, College of Technology and Commerce, The Newarke, Leicester, to whom completed forms should be returned as soon as possible,

ELFED THOMAS,

Director of Education.

CONNAUGHT HOSPITAL,

WALTHAMSTOW, E.17
Locum Assistant in Dispensing
(Hall Certificate) required from September 12-17

inclusive, £10 10s.
Apply Secretary, Forest Group H.M.C., Langthorne Road, E.H. C 8592

ROYAL BERKSHIRE HOSPITAL, READING

(Category V)

(Category V)

Senior Pharmacist
for Group Pharmaceutical Department, Opportunities for experience in all branches, Full supporting staff, Present salary £525-£625 p.a. (subject to increase on publication of latest Whitley Council award) plus extra for overtime sessions, Apply stating age, qualifications, experience and names of two referees to Group Pharmacist.

C 216

HILL END HOSPITAL,

ST. ALBANS, HERTS
Locum Tenens Dispensing Assistant
required at the above Hospital, 20 miles from
Central London from July 18 to September 3,
1955. Whitley Council salary and conditions.
Applications to Hospital Secretary, C 8591

MONMOUTHSHIRE COUNTY COUNCIL, HEALTH CENTRE, PARK PLACE,

HEALTH CENTRE, PARK PLACE, TREDEGAR, MON.
Assistant-in-Dispensing
Applications are invited for the post of an Assistant-in-Dispensing at the above Health Centre,
The salary will be in accordance with the Whitley Council's Scale, i.e., £140 per annum at the age of 16 years, rising from £335 per annum at 22 years of age or over, to a maximum of £435 per annum.
The appointment will be subject to a medical examination, to the provisions of the National Health Service (Superannuation) Regulations and to the Regulations of the Council in force from time to time.

and to the Regulations of the from time to time. Application forms may be obtained from the undersigned to whom they should be returned not later than June 11, 1955.

VERNON LAWRENCE.

Clerk of the Council.

County Hall, Newport, Mon. May 16, 1955.

C 8567

NEWMARKET GENERAL HOSPITAL

HOSPITAL
Locum Pharmacist
required for relief duty from May to September, Shorter period would be considered, Salary
17 guineas per week,
Applications with full details and names of
referees to Group Secretary, Newmarket Gen-

PRISON AND BORSTAL PRISON AND BORSTAL SERVICE, H.M. PRISONS, PENTONVILLE, LONDON AND LEEDS Pharmacists (Chief Pharmacist, Category I) Applications from men are invited for two appointments in the Prison and Borstal Service at H.M. Prisons, Pentonville, London and

Leeds.

Applicants who should be not less than 25 years of age, must be registered Pharmacists, Salary £575 x £25—£675, Starting point according to age, experience and qualifications. The London post carries a £30 addition, An allowance of £25 payable in addition to holders of a recognised higher qualification forms, from the Establishment Officer (51/7/9), Prison Commission, Room 246, Horseferry House, Dean Ryle Street, London, S.W.I, to be returned by June 11, 1955.

SOUTHLANDS HOSPITAL, SHOREHAM-BY-SEA

Applications are invited for the appointment of Pharmacist. Salary as Pharmaceutical Whitley Council Scale, Applications stating age, qualifications and experience to be sent to the Hospital Secretary.

A V OAKTON

Hospital Secretary.

A. V. OAKTON,
Group Secretary.

Worthing Group Hospital Management ComC 8590

C 8590

NISEC' from the Single Unit to the Complete Pharmacy
WRITE FOR YOUR COPY OF THE STANDARD
REFERENCE OF PHARMACY FITTING of OLD 133,5 & 141-7 OLD STREET, LONDON, E.C.I

EST. 1883 BIS. 1941 C. Ribbands & The Complete Pharmacy Fitters Shopfronts and Interiors 3 RAVEY ST., BISHOPSGATE, LONDON. E.C.2.

Appointments—Continued

ROYAL FREE HOSPITAL, GRAY'S INN ROAD, W.C.1 Locum Pharmacist required immediately. Salary 15 guineas week, Applications to the Group Chief Pinacist.

ST. MARGARET'S HOSPITAL, EPPING

Pharmacist

Applications are invited from suitably qualified persons for the post of Pharmacist at the above hospital, Salary on the scale £500 per annum rising by annual increments to £725 per annum, confitting the person in proper force and the pharmacist in the person of the person of the person of the person in proper force and the pharmacist in the person of rising by annual increments to £725 per annum. Conditions of service in accordance with those laid down by the Pharmaceutical Whitley Council. Applications should be forwarded to the Superintendent of the hospital within one week of the appearance of this advertisement, stating details as to age and previous experience, together with the names and addresses of two referees.

C 8611

ST. MARGARET'S HOSPITAL, EPPING

required from July 23-30, 1955, and from October 22-November 5, 1955, Applications, stating salary required, should be sent to the

STOBHILL GENERAL HOSPITAL, GLASGOW, N.1, CATEGORY V TEACHING HOSPITAL Pharmaeists (2)

Applications are invited from registered members of the Pharmaceutical Society for the above posts, Salary in accordance with Pharmaceutical Whitley Council, (Increased rates about to be published.) Applications stating age, qualifications and experience should be sent to Medical Superintendent, C 8568

THE BETHLEM ROYAL HOSPITAL AND THE MAUDSLEY HOSPITAL

Senior Pharmaeist
required at the Maudsley Hospital, Denmark
Hill, S.E.5, from August 1, 1955. The hospital
is a Psychiatric Teaching Hospital associated
with the Institute of Psychiatry in the University of London, The salaty for the post is £605
a year rising by annual increments to a maximum of £780 a year including London Weighting in each case, £25 a year for higher qualification allowed, Form of application returnable within a week of the appearance of this
advertisement, obtsinable from K. J. Johnson,
House Governor and Secretary, Maudsley Hospital, Denmark Hill, S.E.5, C 8569 Senior Pharmacist

WINTERTON HOSPITAL MANAGEMENT COMMITTEE

Pharmaeist

Applications are invited for the post of Pharmacist at the above Hospital, which is a large Mental Hospital of some 2,000 beds, Salary and conditions of service in accordance with the terms of the Whitley Pharmaceutical Council.

Council,

Council,
The appointed candidate will be under the
direction of the Chief Pharmacist, and will be
subject to the National Health Service (Superannuation) Regulations,
Applications stating age, qualifications, previous experience (if any), names and addresses
of two referees to be sent to the undersigned
as soon as possible.

as soon as possible.

C. W. GILL, Group Secretary.

Winterton, Sedgefield, Stockton-on-Tees, co, Durham,

C 8601

WANSTEAD HOSPITAL,

required for any three consecutive weeks between June 1 and September 30, 15 guineas per week, Applications with copy testimonials to Secretary, Forest Group H.M.C., Langthorne Road, E.11.

WEST LONDON HOSPITAL, HAMMERSMITH ROAD, W.6

Locum Senior Pharmaeist required for several weeks commencing immediately, Salary £16 16s, per week, Detailed applications to Secretary.

SITUATIONS OPEN

8/6 for 36 words (min.) then 3d. per word. Box 2/-

The engagement of persons answering these advertisements must be made through a Local Office of the Ministry of Labour or a Scheduled Employment Agency if the applicant is a man aged 18-64 inclusive or a woman aged 18-59 inclusive unless he or she, or the employment, is excepted from the provisions of the Notification of Vacancies Order, 1952.

RETAIL (HOME)

A FIRST-CLASS OPPORTUNITY to enter the select band of trained photographic salesmen is offered by a leading firm of West End dealers. If you have a working knowledge of cameras, chemicals, etc., then we are prepared to train you for a position in our shops. A good salary is offered whilst in training and a superannuation scheme is in operation, Only those who are willing to work and learn should apply in the first instance for an application form from the Secretary, Bennett, 25/27 Oxford Street, London, W.I.

ASSINTANT PHARMACIST, lady or sentle-

Street, London, W.I. C 257

ASSISTANT PHARMACIST, lady or sentleman, required mainly for dispensing at South London pharmacy. Ten minutes from Charing Cross and London Bridge Stations, Hours 9 a.m., to 6 p.m. Adequate supporting staff. Pleasant working conditions, Long or short engagement, Commencing salary £832 p.a. Apply Box C 212.

BOOTS THE CHEMISTS have vacancies in mumber of districts for pharmacists, male and female, salary according to age and experience. Lugagements on a permanent basis, good prospects, eligibility for pension, life assurance, etc. Applications should be made to Retail Staff Department. Station Street, Nottingham, stating age, experience and district preferred. C 8576

CHEMIST'S DISPENSER REQUIRED. Unqualified, male or female. For dispensing and counter work, 44-hour week, No Sunday or half-day duties, Permanent superannuated post, Apply with particulars of experience, stating salary required, to Managing Secretary, Paignton Co-operative Society, Ltd., Winner Street, Paignton, S, Devon. C 2569
CHISWICK Pharmonist managers with the counter of the particular of the counter o CHEMIST'S DISPENSER REQUIRED, Un-

Paignton, S. Devon, C 2569
CHISWICK. Pharmacist-manager required at once; 6 p.m. closing; good salary; young single chemist preferred, as living accommodation is not immediately available, Box C 8616.

DONCASTER CO-OPERATIVE CHEMISTS, LTD., require the services of Pharmacists (male or female) as branch managers, Living accommodation with one post, Minimum rate £780 per annum, 44-hour week, Applications and usual particulars to Superintendent Chemist, St. Sepulchre Gate, Dorcaster, C 199
EWELL, SURREY, Assistant pharmacist to take charge of dispensing in family business, Permanency, Ledsham, 191 Kingston Road, Ewell, Surrey,

HOLBORN, W.C.I. Young lady counter assistant required for cosmetic department, Permanent and progressive position. Saturday half-day. Apply to Mr. Hancock, 240/1 High Holborn, London, W.C.I., or telephone Holborn 7379 for an appointment, C 8593

FEMALE DISPENSER wanted for semi-rural practice, Kent. Flat above surgery available. Apply Box C 2573.

Apply Box C 2573.

IF ANY PHARMACIST of either sex is desiring a change, I can offer a position as assistant which should prove interesting and provide valuable experience. This is a dispensing business handling a wide variety of scripts, and the position vacant is to help in the general running of the business with special control of the dispensary. There is great scope for initiative, and adequate staff are employed. There is a modern house in pleasant surroundings away from the business if required, and a paid holiday would be allowed this year. C. H. Ashton, 9 New Chester Road, New Ferry, Chester, C 2550.

LIVERPOOL. Pharmacist required for branch

LIVERPOOL. Pharmacist required for branch pharmacy, permanent position, Salary £832 per annum for a 44-hour week; full staff which includes dispenser. Apply by letter to Metcalfe & Co. (Liverpool), Ltd., 34 Landford Avenue, Liverpool, 9. C 2504

Liverpool, 9. C 2504

MILL HILL, N.W-7. Unqualified dispensing assistant required for good-class pharmacy. Permanency, Salary plus bonus, Hours 9 a.m. to 6 p.m. Three weeks holiday a year, Apply with full particulars of previous experience to A. R. Cross, Ltd., 476 Hertford Road, Enfield, or telephone Howard 1723 or 2916 for an appointment an appointment.

NORTH-EAST COAST TOWN, (Pleasant seaside resort.) Pharmacist required to manage established dispensing business with adequate supporting staff, Salary £750 per annum plus bonus and rota fees, Exceptional prospects of advancement, Modern house available at moderate rental, Interview necessary, Expenses paid, Box C 8583.

required N.1, N.16, E.C.1, and liford, Some evenings 6-8 and/or Sunday mornings, Dispensing duties, Apply Kendales Dispensing Chemists, 51 Exmouth Market, E.C.1, Phone: Terminus 9494.

RESPONSIBLE POSITION for energetic pharmacist in well-established family business, Permanency, Complete charge of dispensary, excellent stall support, Able to assist manager and take full control when necessary, Living accommodation available, Good salary for right man.

TEDDINGTON. Excellent opportunity TEDDINGTON. Excellent opportunity for pharmacist to manage family-type business in pleasant riverside district. Permanency with superannuation benefits, Good salary and commission, Nicely fitted shop with adequate supporting staff. Apply with full details stating when available for interview to Box C 2540.

when available for interview to Box C 2540.

UNQUALIFIED ASSISTANT REQUIRED (either sex) for light dispensing and counter. A knowledge of photographic goods an advantage. Please send particulars of education, experience in retail, copies of testimonials, age, salary required and date free, If engaged fare paid here from any part of British Isles, Raymond Smith, 2 Cliff Road, Newquay, Cornwall. C 2556

UNQUALIFIED LADY ASSISTANT required immediately, mainly for dispensing, but some counter duties, Apply: The Manager, Kensington Pharmacy, 26/28 Kensington Church St., W.8. Telephone: Western 4845. C 2558

WHEISIONE. Pharmacist required to manage spacious well-fitted branch with substantial counter trade in pleasant North London suburb. Good opportunity for ambitious man to earn top salary together with monthly bonus and rota duty payments. Permanency with superannuation benefits, etc. Apply with full details stating when available for interview to Box C 2541. WHEISTONE, Pharmacist required to manage

LOCUMS WANTED

LOCUM PHARMACISTS REQUIRED for LOCUM PHARMACISIS REQUIRED for London and suburban areas, long or short periods, Permanency at conclusion of tour if desired. Salary and expenses basis. Apply to H. Warburton, M.P.S., Chief Pharmacist, London Co-operative Chemists, Ltd., Grange Road, Leyton, E,10.

BERDOE & FISH

Chemists' Transfer Agents and Valuers 41 ARGYLE SQUARE, KING'S CROSS, W.C.1 (opposite St. Pancras and King's Cross Stations)

Wanted immediately good class businesses in London, Home Counties and South Coast. Private clients waiting with cash up to £10,000.

All Valuations and Stocktakings, carried out under personal supervision of principals.

Established 1870

Phone: TERminus 3574

EXPORT SALES MANAGER

A British pharmaceutical manufacturer invites applications for the post of Export Sales Manager, who will be responsible for the appointment of overseas agents, for the supervision of their activities, and for the promotion of the Company's overseas business in the sale of ethical pharmaceutical products. Preferably, applicants should be registered pharmaceutical chemists and must have had some years' experience of the type of work outlined in this advertisement. The prospects are good, there is a non-contributory pensions scheme, and the position will carry a salary ranging between £1,750 and £2,000 depending on the age, qualifications and experience of the successful applicant. Please apply in the first instance to Box C 8578.

Situations Open—Continued

WHOLESALE

ADVERTISING ASSISTANT

ASSISTANT

Parke, Davis & Co., Ltd., require a young pharmacist in their Advertising Department, He will be involved in all aspects of Advertising and Sales Promotion and in particular the compilation and presentation of med.cal literature from technical information provided, some literary ability is therefore an advantage, Generous pension plan, five-day week, staff restaurant, Write in the first instance giving full particulars of experience and pre-em salary to:

Personnel Manager,

Parke, Davis & Co., Ltd.,
Staines Road, Hounslow, Middlesex,

C 8504

ALLIED LABORATORIES, LTD., invite applications for the position of medical repre-entative to take over their established connection in the South Yorkshire area. Previous experience is not escential, but candidates must have a sound pharmaceutical background, live on and know the territory well. The position is a progressive one and remuneration is by way of salary, commission and expenses. Applications stating age and a brief review of career to date should be addressed in confidence to Sales Manager, Allied Laboratories, Ltd., 140 Park Lane, London, W.1.

ASSISTANT, male, required for sterile solutions manufacture. Good working conditions, 5-day week, Apply Harker Stagg, Ltd., Mile End, London, E.1.

C 8594

C. L. BENCARD, LTD.

wish to appoint men of exceptional ability
and first-rate experience as medical representatics in the following areas:

(a) Yorkshire—North and East Ridings.
(b) S. Yorkshire, bounded by Huddersfield, Sheffield, Doncaster, Goole.
(c) A Lancashire area, bounded by Bolton, Bury, Rochdale, Salford and
adjacent areas.
(d) E. and S.E. London, bounded by
Chingford, Stepney, Lewisham,
Woolw.ch and East Ham,
(e) S.W. London and N. Surrey.
(f) The county of Essex.
(g) Hants, Wilts and Dorset.
The e are key appointments in a large and
effective sales force backed by vigorous and
progressive ethical promotion from within
the Company, The remuneration will be
in proportion to the importance of the
posts, Cars and full expences are provided,
Pension and bonus schemes are in operation.

Annly giving full details of experience to the

Apply giving full details of experience to the Sales Manager, C. L. Bencard, Ltd., Park Royal, London, N.W.10.

BURROUGHS WELLCOME & COMPANY have a vacancy in their Marketing Department for a pharmacist to undertake interesting work connected with the marketing and advertising of medical and pharmaceu.cal products. Applications, which will be treated in confidence, should give full details of education and previous pharmaceutical experience and be addressed to the Manager, Publicity Division, Burroughs Wellcome & Co., 183/193 Euston Road, N.W.1.

REPRESENTATIVES
BURROUGHS WELLCOME & CO.
invite applications from pharmacists for appointments as Medical Representatives. Applicants, who should be about 30 years of age, must possess a good educational background and wide pharmacutical knowledge, Previous experience as a representative, while an advantage, is not essential. The position is progressive and pensionable (contributory scheme). Applications (by letter only) will be treated in confidence. They should give full details of experience, etc., and be addressed to The Manager, Home Sales Division (Med.cal), Burroughs Wellcome & Co., 183/193 Euston Road, London, N.W.I. (2006)

CALMIC, LTD., invite applications to fill vacancy occurring in their development laboratories. Pharmaceutical qualification or degree in chemistry essential with a keen interest in modern ethical pharmaceuticals, Superannuation scheme, Good working conditions. Write, in strict confidence, giving full particulars of previous experience and qualifications to: Chef Chemist, Calmic, Ltd., Crewe Hall, Crewe.

EVANS MEDICAL SUPPLIES, LTD.

Chief Pharmacist Copywriter

A responsible post is being created in the
Evans Medical headquarters organisation for
a sen.or man or woman pharmacist with
literary ability combined with first-class
pharmaceutical experience.
Experience in abstracting from medical
and pharmaceutical iterature and compiling
and pieparing material for publication will
be an important advantage,
kemuneration will be related to qualifications, ability and experience. Pension
scineme. Write giving details of age, education, qualifications and experience, and
enclosing, if possible, specimens of previous work (which will be returned), to
Pharmaceutical Development Director,
Evans Medical Supplies, Ltd., Speke,
Liverpool, 19, C 8599

EVANS MEDICAL SUPPLIES, LTD.
Veterinary Representative
Applications are invited from pharmacists
with veterinary interests. The duties will
include calling on and establishing contact
with veterinary surgeons, Pension scheme
in operation, Full details of education,
experience and qualifications to Pharmaceucal Development Director, Evans Medical
Supplies, Ltd., Speke, Liverpool, 19, C 8598

EVANS MEDICAL SUPPLIES, LTD., invite applications from young men with a pharmaceutical background for training as Chemists' representatives. The successful applicants would be expected to spend up to two years in the Sales Department prior to being allocated a territory. Not over 30 years of age, Pension scheme in operation, Full details of education, experience, etc., to Home Sales Director, Evans Medical Supplies, Ltd., Speke, Liverpool, 19.

C 8582

FACTORY ASSISTANT or Process Worker required by London manufacturing chemists. Applications invited from men aged 20 to 30 years, stating experience and salary required. Box C 218.

HYPODERMIC SYRINGES, Manufacturer now going direct to hospitals requires experienced representatives in all areas, Please state full particulars to L. R, Wilson (Instruments), Ltd., 9 Blackfriars Street, Salford, 3. C 2482

MEDICAL REPRESENTATIVE REQUIRED by ethical manufacturers for Edinburgh and Southern Scotland, Either pharmaceutical quali-

MEDICAL REPRESENTATIVE REQUIRED by ethical manufacturers for Edinburgh and Southern Scotland, Either pharmaceutical qualification or pharmaceutical/medical background necessary and previous representative experience is desirable though not essential. Good salary and expenses; excellent prospects for the right man who will be joining an expanding company. Car provided. Superannuation scheme, Residence in Edinburgh or district desirable, Applications in writing and in confidence stating salary expected to Box C 8559, MEDICAL REPRESENTATIVES. Sandoz Products, Ltd., invite applications from young men for the immediate appointment of Medical Representatives in the following areas:—
(a) Bristol, including Gloucestershire, Somerset, Devon and Cornwall, (b) South Wales, including South Welsh counties, Attractive salary; superannuation scheme in operation, Thorough training given. Age not exceeding 32, Applicants should be pharmacists (preferably F.P.S.). Please send full details of age, education, qualifications and experience, with photograph, to Staff Manager, Sandoz Products, Ltd., 134 Wigmore Street, London, W.1. C 8532. PARKE, DAVIS & CO., LTD., invite applications from pharmacists for a Junior Executive position in their pharmaceutical manufacturing division, The position entails supervision of groups of process workers and offers an opportunity to gain wide experience in modern large-scale production methods. Good promotion prospects, previous manufacturing experience, while an advantage, is not essential, Five-day week, Staff restaurant, Generous pension plan, Write with full particulars to Personnel Manager, Staines Road, Hounslow, Middlesex, C 8505

PHARMACEUTICAL CHEMIST

Applications are invited from male Pharmaceutical Chemists, for the position of SENIOR CHEMIST. Some manufacturing experience helpful, but not essential. The position is permanent and offers excellent prospects in return for loyalty, hard work, and initiative, Salary will be dependent upon qualifications and experience. Applications, which will be treated in confidence, should give full particulars of past experience and present salary, and be addressed to Managing Director, Kaputine, Ltd., Alex Parsons Works, Boardman Street, Oldham, C 8572

PHARMACIST (aged under 30) required as an assistant to buyer of modern, adequately staffed drug and dispensing section of department store. Opportunity to gain wide experience. Store hours, good holidays and discount on store purchases. Apply by letter or in person to Personnel Controller, Bentalls of Kingston-on-Thames.

C 8564

HAPMACIST with view to works manager-Kingston-on-Thames. C 8564
PHARMACIST with view to works managership required for manufacture and distribution of galenicals and sterile preparations. Essential qualifications, industrious and a good organiser, excellent opportunity for a young and keen pharmacist. Apply Biorex Laboratories, Ltd., 47/51 Exmouth Street, E.C.1, Phone: Terminus 9494. C 8585 9494,
PHARMACIST REQUIRED to take over duties of assistant works manager for well-known Yorkshire Wholesale Druggists. Excelent prospects for the right type of man, Please state salary required and experience. Apply Box C 8497.

PHARMACIST REQUIRED drug sales department, old-established whole-sale house, Lancashire, Five-day week, pension scheme, Applicants should give full details of experience, age and salary required to Box C 8552, for managing

PHARMACEUTICAL PUBLICITY

A pharmaceutical chemist with experience of or with a marked flair for authorship and editing and with some artistic appreciation, is required by a well-established pharmaceutical manufacturer of ethical products. The successful applicant will be required to develop, under the Sales Manager, a department producing all forms of printed publicity (including journal advertisements), exhibition stands (in conjunction with a free-lance designer), and other forms of visual sales promotion aids. The commencing salary offered is £1,000. The Company has a non-contributory pension scheme. Applications to Box C 8579.

RAPIDLY expanding manufacturer of ethical pharmaceutical products, with international eonnections, requires a chemist, pharmacist or other suitably qualified person to direct its pharmaceutical development activities in this country. In addition to controlling the pharmaceutical development laboratory, the successful candidate will have sufficient broad knowledge of the problems involved in pharmaeeutical development to work closely with baeteriologists, pharmacologists and the medical and veterinary departments. Great emphasis is placed on drive and initiative for this position. The post is an interesting one and carries very good prospects for the right man. Applications in strictest confidence to Box C 8597.

Situations Open—Continued

PHARMACIST REQUIRED for Executive post in production of cinctures, extracts, essences, essential oils, etc. Applicants should be between 25 and 35 years of age and preferably single and should send in their own handwriting full particulars of their training and experience to: Mr. Milton Dewhurst, B.Se., F.R.I.C., Director and Manager, White, Tomkins & Courage, Ltd., Reigate, Surrey. C 2567 PHARMACIST WANTED immediately for wholesale, Apply John Miller, 35 Cowgate, Dundee. C 2579 PBICING CIERK REQUIRED. Experienced

wholesale. Apply John Miller, 35 Cowgate, Dundee. C 2579 PRICING CLERK REQUIRED. Experienced in drugs and patents, Salary £500 p.a, for right person, Apply Managing D.rector, Biorex Laboratories, Ltd., 47/51 Exmouth Market, E.C.I. Phone: Terminus 9494. C 8586 PROGRESSIVE MANCHESTER FIRM of sweets manufacturers requires working foreman experienced in lozenge paste work, Knowledge of tablet making an advantage; must be conscientious, keen and adaptable, Hard worker will be fully appreciated, Pension scheme in operation, Apply Box C 8589, PROGRESSIVE MANUFACTURERS of well-known products require keen enterprising salesmen as Sole Agents for developing the following territores:—London, Southern Counties, Lancashire, Yorkshire, The posit ons offer sound prospects to the right men and are particularly suitable for those requiring joint representation with their precent house, Remuneration, by commission to commence, is on an unusually rencrous seale designed to recognisc merit, Fullest possible details, in strictest confidence, required prior to interviews, Box C 2570.

REPRESENTATIVES with good connections chemists, hairdressers, wholesalers, etc., required by manufacturer of toilet preparations, Full-reale national advertising. Commission basis, Areas open are: London, Home Counties, Surrey, Sussex, Kent, Wales, West of England, Lancashire, Cheshire, Write in the first instance giving details of area covered to Box C 8637.

REPRESENTATIVE with good connection, chemists, hairdressers, wholesalers, etc., required for the London area by a manufacturer of toilet preparations. Full-scale national advertising, Salary, expenses, commission. Must be car owner. Write in first instance to Box C 8606.

REPRESENTATIVE, experienced, with pharmaceutical background, to take over first-class connection Midland Counties, Reputable manuconnection Midland Countes, Reputation manufacturers calling on the qualified veterinary profess on only, Excellent opportunity, Car provided and usual expenses, Good salary with quarterly turno or bonus. Send full details, age (23–50) and experience, in strict confidence to Box C 8531,

REQUIRED by ists. Medical Repre entative between the ages of 25 and 40, with good pharmaceutical background and knowledge of medical nomenclature, to visit doctors, horpitals, dentists and chemists in Yorkshire, Durham and Northumberland areas for the purpose of propaganda for ethical products. Applicants should state age, experience and salary required to Box C 215.

SALES REPRESENTATIVE required for Nottingham and the East Midlands. Pharmaceutical qualification essential. Age not exceeding 40. Salary and travelling expenses. Company pension and profit-sharing schemes. Write fully: Ref. HAC/CMH, The British Drug Houses, Ltd., Graham Street, London, N.1.

C 217 REQUIRED by London Manufacturing Chem-

SALESMEN TRAVELLERS SALESMEN TRAVELLERS. Agents calling upon ehemists, having regular and good connections, are required for a new nationally advertised toilet product. An casy and fast selling and regular article, top commission paid. Write stating area covered to Box C 8538. STERILE INJECTION DEPT. Operators required with experience, Good organisers, Unusual opportunity is offered, Apply Biorex Laboratories, Ltd., 47/51 Exmouth Market, E.C.1. Phone: Terminus 9494. C 8587

THE CHAS, H. PHILLIPS CHEMICAL CO., LTD. Expansion necessitates the appointment of additional representatives based upon the Northampton and Southampton areas, Progressive positions, salary, full expenses, superannuation, ear provided, Full training will be given but sound retail background essential; aged 30-35 years, Applications in confidence, supplying relevant details, to Sales Director, 179 Acton Valc, London, W.3, C 8603

THE CROOKES LABORATORIES, LTD. Medical Representative

Medical Representative

Applications are invited for a representative to cover the Manchester area, A pharmaceutical qualification or an adequate technical background is essential. Candidates should preferably be aged between 25-40 and possess personality and initiative. The appointment carries a progressive salary and an annual bonus/commission payment, directly associated with territorial results obtained, together with an adequate expense allowance. The position is superannuated and only candidates with a keen desire to progress should apply, in writing, to the Sales Director, The Crookes Laboratorics, Ltd., Gorst Road, Park Royal, London, N.W.10. Ltd., Go N.W.10.

WANTED

by a Firm engaged in the manufacture of SURGICAL DRESSINGS

A fully trained man, competent to take over complete control of the Sections concerned in the Plaster Spreading, Stiting, Re-winding and Finishing Operations. A development policy of some substance is under consideration, which would provide an excellent opportunity for the person engaged.

The appointment offers considerable scope The appointment ofters considerable scope for advancement, and is a first-class opening for a man with drive and initiative, and able to accept responsibility, Remuneration by salary, and the position is permanent. Factory, North-east Manchester, Applications in writing only, with fullest details of age, previous situations held, experience, etc., to Managing Director, Box C 8573.

WHITE, TOMKINS & COURAGE, LTD., Reigate, Surrey, propose to increase their outside representation by the appointment of two more travellers for the sale of essences, extracts, essential oils, isolates and perfumery materials to the soft drinks, confectionery, perfumery, cosmetic and allied trades. Applications from servants of direct competitors are not invited, but applications are sought from travellers who have been engaged in these trades selling good quality products of any kind and who have a first-elass connection with either all these trades or some of them, Please send in own handwriting full particulars of training, experience and indication of training, experience are covered to: Mr. Milton Dewhurst, B.Sc., F.R.I.C., Director and Manager, White, Tomkins & Courage, Ltd., Reigate, Surrey.

WHOLESALE (OVERSEAS)

WHOLESALE (OVERSEAS)

A LEADING MERCHANT HOUSE requires for service in British West Africa a pharmacist (British qualification only). Appl'cants should preferably be under age 36, Starting salary not less than £900 per annum rising by annual increments of £50 to £1,050 per annum at the end of the third year and thereafter in accordance with responsibilities of appointment held. Generous family allowances, free furnished accommodation and free medical services. There is a contributory pension fund which provides certain guaranteed benefits, including widows and children's pensions and provision for retirement where the qualifying age for a pension is not reached, Initial kit allowance of £75, colonial rates of income tax, tours of about 21 months followed by substantial leave on full pay. Free first-class passages are provided for men, their wives and children under age 8. Write giving full particulars to Box No. 8738, c/o Charles Barker & Sons, Ltd., 31 Budge Row, London, E.C.4. C.8566
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T. & II. SMITH, LTD., invite applications from qualified chemists for position of Technical Manager of the Kurram Chemical Co., Ltd., Rawalpindi, Pakistan, First-class return fare will be paid for successful applicant, wife and family; three-year contract with suitable leave and medical benefits; partly furnished accommodation provided free; attractive salary, Position would suit chemist 30–35 years, married with young family who has had some managerial experience. Reply with full particulars to Works Director, T. & H. Smith, Ltd., Blandfield Chemical Works, Edinburgh, 11.

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3/- for 18 words (min.) then 2d, per word. Box 1/-

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DISPENSER (FEMALE), holding Apothecaries' DISPENSER (FEMALE), notding Apothecaries Hall certificate, is available shortly for parttime work in Herne Bay, Wide experience retail, hospital, private practice, Box C 2562, UNQUALIFIED DISPENSER, male, 15 years' experience high-class dispensing and retail business. Reply with terms, Apply Box C 2554.

LOCUMS SEEKING ENGAGEMENTS

EXPERIENCED LADY CHEMIST (Ireland) available for holiday duty July or August London or suburbs, Management, dispensing, counter work. Apply Box C 2571.

WHOLESALE

REPRESENTATIVE, resident Southampton, with excellent connections wholesale and retail chemists wishes represent reputable house. Box

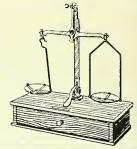
SOUTHERN COUNTIES representative, nine years' experience and excellent connection doctors, hospitals and chemists desires change, Box C 2563,

CELLUCOTTON PRODUCTS LIMITED

The Manufacturers of Kleenex, Kotex and Delsey invite applications from Sales Representatives for two important appointments: (1) East Midlands-Derby, Notts, Leics and Lincoln; (2) Eastern Counties-Norfolk, Suffolk and Cambridge. Applicants should be under 40 years of age, and possess good personality, above average ability and enthusiasm. Connection with Retail Chemists and Co-Ops. on the territory an advantage. Positions are salaried with all out of pocket expenses and offer unusual opportunities for personal advancement. Apply in confidence, giving full details of age and experience, to: Sales Manager, Cellucotton Products Limited. Carkers Lane, London, N.W.5. C 8447 (A.)

New and unused. 2 oz. Dispensing Beam Continuous Knife Edge. Fitted two glass pans and one brass to balance. Restamped 1955.

> £6.5.0 each Carriage Paid



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Situations Wanted—Continued

WHOLESALE (OVERSEAS)

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AGENCIES WANTED

AGENCIES WANTED

Old-established firm of agents in the Irish Republic with staff of high-class representatives and over 1,200 chemist accounts wish to negotiate for additional agencies for known products. Specially interested in tooth-paste, toilet preparations, stomach remedies, tonics, photographic goods, etc. All facilities for distribution and packaging if required. Will not take up any agency unless able to guarantee increased turnover. Apply Box C 8506.

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CARTONS AND CATCH COVERS. If you CARTONS AND CATCH COVERS. If you contemplate the production of a new line requiring a small printed carton or catch cover. And if you want to make a small test distribution before embarking on large-scale production. We will design a package for you, or will produce a package to your own design. We will quote very attractive rates for quantities of 5,000 and upwards. We work quickly. Give us fullest possible details of your requirements at the outset. Brook House Press, Old Mill Street, Blackburn. C 2559 STRIP PACKED ASPIRIN TABLETS, B.P., 5 gr. Inquiries solicited. The Dales Tablet Makers, Ltd., Steeton, Yorkshire, C 185 **OPPORTUNITY** for a progressive company to acquire a potential seller, Undeveloped proprietary with local distribution, Proved formula, effectively packed, Registered trade marks, Tax losses, Box C 2560.

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18/- per half-inch (min.) and pro rata. Box 2/-

B. NORMAN & SON, 2/5 Little Britain (close to G.P.O.), London, E.C.1, will sell by Auction on Wednesday, June 8, at 1.30 p.m., excellent Chemists and Druggists Fitments in light oak and mahogany (as removed from London store): Drug Runs, Wall Showcases, Glass Counters, Silent Salesmen, Lobby Cases, Nests of Drawers, Display Stands, Cash Tills, 18 National Cash Registers, Office Effects, etc. View day prior, Catalogues (3d, by post) on application.

C 8574

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1NDIA. Managing Director, London pharmaceutical house, shortly proceeding to India, would be pleased to contact firms interested in increasing trade with India and Eastern countries. Please write to Box C 8550.

WANTED

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FACE POWDER in all shades supplied in bulk, Also dusting powder. Best quality. Sam-ples on reducest, Any quantity, Pellatt & Son, 276 Hamlet Court Road, Westcliff-on-Sea.

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London Office. C 8618
MODERN CHEMISTS SHOPFITTINGS, drug
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display counters and showcases; all types of
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Fitters & Shop Front Builders, 14/16 Manchester Street, Liverpool, C 141

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THE TRADE MARKS Nos, B640160 and B649026 both consisting of the word "TOILEX" and registered in respect of medicated toilet paper rand non-medicated toilet paper respectively were assigned on April 6, 1955, by Phoenix Paper Co., Ltd., of 11 Old Jewry, London, E.C.2, to Lifeguard Products, Ltd., of 50 Thomas Road, London, E.1.4, without the goodwill of the business in which they were then in use. C 8595

MISCELLANEOUS

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Penny-in-the-slot and steelyard types, Dispensing scales. Write for details to Dept. "P,"
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SHOWCASES, SHOWCASES, SHOWCASES.
Latest designs, All sizes including glass counters, Free delivery, Write for details to (Dept.
"P"), Vandome & Hart, Ltd., Wenlock Rd.,
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Box Office numbers are intended exclusively for specific answers to particular advertisements. Price Lists, Trade Circulars, Samples and Printed Matter cannot be forwarded.

"Sweetheart"

"Drinkrite"

DRINKING STRAWS

special SMALL PACKS of 50 and 100 straws. Order now and INSIST on these brands for QUALITY. HYGIENIC DRINKING STRAWS CO. LTD., College Road, Fishponds, Bristol



Get ready for BIGGEST EVER DEMAND FOR IMPERIAL LEATHER SOAPS

Build up
your stocks
your and
DISPLAY

This half-page advertisement will dominate the twelve million readership Daily Express on June 22nd next. The booking of this most spectacular of all newspaper spaces means no change in our advertising policy. The outstanding colour page campaign in National Magazines continues, unaffected by this additional advertising drive which will inevitably lift sales of Imperial Leather toilet and bath soaps to a new high level.

Be prepared for June 22nd. Make sure your stocks are adequate to meet the extra demand.

Cussons IMPERIAL LEATHER

Luxury Toilet and Bath Soaps

CUSSONS SONS & CO. LTD, KERSAL VALE, MANCHESTER 7





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Tax-free Dispensing Pack available



